Secure II

Model 3002

stryker®

Maintenance Manual

For technical assistance
USA: 1-800-327-0770 (option 2)
Canada: 1-888-233-6888

CE

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INTRODUCTION

This manual is designed to assist you with the maintenance of the Stryker Model 3002 Secure II Bed. Read it thoroughly before using the equipment or beginning any maintenance on it.

SPECIFICATIONS

⚠	Safe Working Load **Note:** Safe Working Load indicates the sum of the patient, mattress, and accessory weight.		500 pounds	227 kg
Scale System Capacity (optional equipment). Loads weighing up to			500 pounds	227 kilogram
Scale System Accuracy (optional equipment)			± 2 pounds at 0˚ - ± 10˚ Trendelenburg for patients weighing 100 pounds or less ± 2% of the total patient weight at 0˚ - ± 10˚ Trendelenburg for patients weighing greater than 100 pounds	
Overall Length/Width	Standard Bed (Inside US and Canada)	Siderails Up	93” x 42.5”	236 cm x 108 cm
		Siderails Down	93” x 40”	236 cm x 101.6 cm
	Standard Bed (Outside US and Canada)	Siderails Up	93” x 42.5”	236 cm x 108 cm
		Siderails Down	93” x 36”	236 cm x 92 cm
	Short Bed (Inside US and Canada)	Siderails Up	85” x 42.5”	216 cm x 108 cm
		Siderails Down	85” x 36”	216 cm x 92 cm
	Zoom® Bed (Inside US and Canada)	Siderails Up	95” x 42.5”	241 cm x 108 cm
		Siderails Down	95” x 40”	241 cm x 101.6 cm
	Zoom® Short Bed (Inside US and Canada)	Siderails Up	87” x 42.5”	221 cm x 108 cm
		Siderails Down	87” x 36”	221 cm x 92 cm
Patient Sleep Surface - Standard Bed			84” x 35”	213 cm x 89 cm
Patient Sleep Surface - Short Beds			76” x 35”	193 cm x 89 cm
Bed Height to Top of Seat Litter - 6” Casters (Add 2” if bed has 8” casters)	Standard		16” to 30” ±0.5	41 cm to 76 cm
	Beds with Zoom® Option		19.75” x 30”	50 cm x 76 cm
	Short Beds w/Zoom® Option		20.5” x 30”	52 cm x 76 cm
Litter Platform to Top of Siderail	Full Up	Head End Siderail	15.75”	40 cm
	Full Up	Foot End Siderail	15.25”	38.7 cm
	Outside US/Canada	Head End Siderail	15”	38.1 cm
	Outside US/Canada	Foot End Siderail	14”	35.5 cm
Space Between Siderails (Full Up)			9.75”	24.7 cm
Outside the US and Canada			9.125” (8”)	23.1 cm
Knee Gatch Angle			0˚ to 40˚	
Fowler Angle			0˚ to 60˚	
Trendelenburg/Reverse Trendelenburg			-12˚ to +12˚ ± 1˚ -10˚ to +10˚ ± 1˚ - Beds with Zoom® Option -8˚ to +8˚ ± 1˚ - Short Beds	
Electrical Requirements - all electrical requirements meet UL 2601 specifications.			115 VAC, 60 Hz, 7.0 Amp Optional: 230 VAC, 50/60 Hz, 4.0 Amp	
Outlet Option			125 VAC, 60 Hz, 10.0 Amp (not available with Zoom® Option)	
[1] If the bed is equipped with the enhanced height option, the scale accuracy is as described above for litter angles from 0˚ to ±5˚ Trend.				

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MATTRESS SPECIFICATIONS

Thickness	6”
Width	>= 35”
Length	>= 84”
ILD	80

Stryker reserves the right to change specifications without notice.
Specifications listed are approximate and may vary slightly from unit to unit or by power supply fluctuations.

WARNING/CAUTION/NOTE DEFINITION

The words **Warning**, **Caution** and **Note** carry special meanings and should be carefully reviewed.

⚠ WARNING

Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

⚠ CAUTION

Alerts the reader of a potentially hazardous situation, which if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

Note

This provides special information to make maintenance easier or important instructions clearer.

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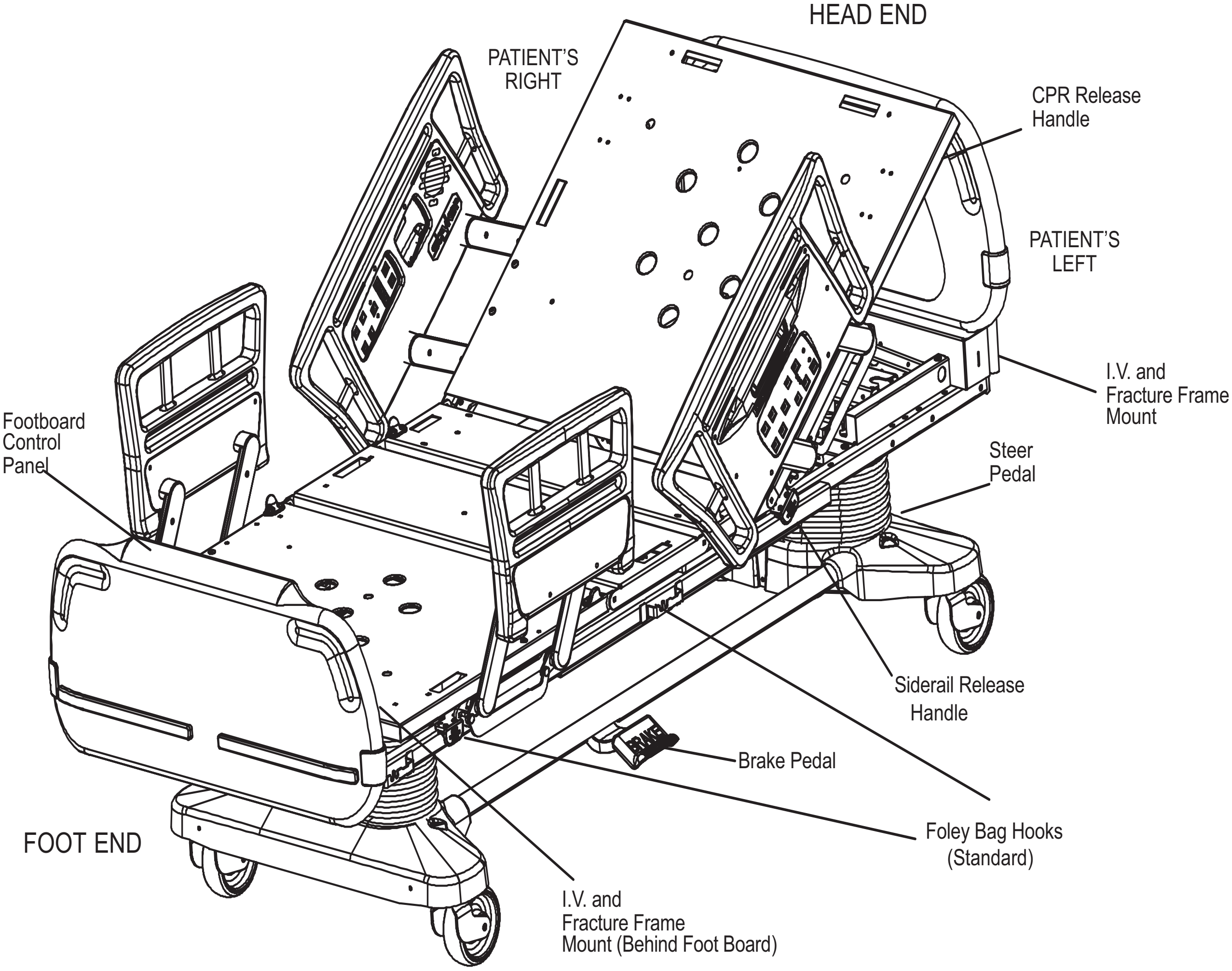
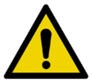
Bed Illustration

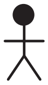

HEAD END
PATIENT'S RIGHT
CPR Release Handle
PATIENT'S LEFT
I.V. and Fracture Frame Mount
Steer Pedal
Footboard Control Panel
Siderail Release Handle
Brake Pedal
BRAKE
Foley Bag Hooks (Standard)
FOOT END
I.V. and Fracture Frame Mount (Behind Foot Board)

Symbols



Warning, Refer to Service/Maintenance Manual

~ Alternating Current

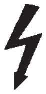


Type B Equipment: equipment providing a particular degree of protection against electric shock, particularly regarding allowable leakage current and reliability of the protective earth connection.

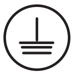
Class 1 Equipment: equipment in which protection against electric shock does not rely on BASIC INSULATION only, but which includes an additional safety precaution in that means are provided for the connection of the EQUIPMENT to the protective earth conductor in the fixed wiring of the installation in such a way that ACCESSIBLE METAL PARTS cannot become live in the event of a failure of the BASIC INSULATION.

Mode of Operation: Continuous

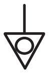
IPX4: Protection from liquid splash



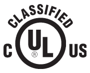
Dangerous Voltage Symbol



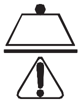
Protective Earth Terminal



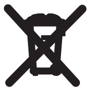
Potentiometerential Equalization Symbol



Medical Equipment Classified by Underwriters Laboratories Inc. with Respect to Electric Shock, Fire, Mechanical and Other Specified Hazards Only in Accordance with UL 60601-1, First Edition (2003) and CAN/CSA C22.2 No. 601.1-M90 with updates 1 and 2.



Safe Working Load Symbol



In accordance with European Directive 2002/96/EC on Waste Electrical and Electronic Equipment, this symbol indicates that the product must not be disposed of as unsorted municipal waste, but should be collected separately. Refer to your local distributor for return and/or collection systems available in your country.

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Safety Tips and Guidelines

Before operating the Secure Bed II, it is important to read and understand all information in this manual. Carefully read and strictly follow the safety guidelines listed on this page.

It is important that all users have been trained and educated on the inherent hazards associated with the usage of electric beds.

⚠ WARNINGS

- Danger: Explosion hazard. Do not use in the presence of flammable anesthetics.
- Always apply the caster brakes when a patient is getting on or off the bed. Always keep the caster brakes applied when a patient is on the bed (except during transport). After the brake pedal is applied, push on the bed to ensure the brakes are locked. Serious injury could result if the bed moves while a patient is getting in or out of bed.
- Ensure the brakes are completely released prior to attempting to move the unit. Attempting to move the unit with the brakes actuated could result in injury to the user and/or patient.
- Do not attempt to move the foot end of the bed laterally when the steer pedal is activated. When the steer pedal is activated, the steer caster at the foot end of the bed cannot swivel. Attempting to move the bed laterally when the steer pedal is activated may cause injury to the user.
- The Secure II Bed is not intended for use with patients less than two years of age.
- Serious injury can result if caution is not used when operating the unit. Operate the unit only when all persons are clear of the electrical and mechanical systems.
- To help reduce the number and severity of falls by patients, always leave the bed in the lowest position when the patient is unattended.
- When attaching equipment to the frame, ensure it will not impede normal frame operation. For example: hooks on hanging equipment must not actuate control buttons, equipment must not hide the Nurse Call button, etc.
- Use only a Stryker supplied interface cable. Use of any other cable may cause the bed to function improperly which may result in patient or user injury.
- The Secure II Bed is equipped with a hospital grade plug for protection against shock hazard. It must be plugged directly into a properly grounded three-prong receptacle. Grounding reliability can be achieved only when a hospital grade receptacle is used.
- When using the manual override shaft to manually actuate bed functions, always unplug the bed power cord from the wall socket to avoid injury in the event of a sudden return of power to the bed.
- When raising the siderails, listen for the “click” that indicates the siderail has locked in the up position. Pull firmly on the siderail to ensure it is locked into position. Siderails are not intended to be a patient restraint device. It is the responsibility of attending medical personnel to determine the degree of restraint and the siderail positioning to ensure a patient will remain safely in bed.
- The Bed Exit System is intended only to aid in the detection of a patient exiting the unit. It is NOT intended to replace patient monitoring protocol. The Bed Exit System signals when a patient is about to exit. Adding or subtracting objects from the frame after zeroing the weigh system may cause a reduction in the sensitivity of the Bed Exit System.
- Always unplug the bed power cord from the wall socket and push the battery power On/Off switch to the “Off” position before servicing or cleaning the bed. When working under the bed with the bed in the high position, always place blocks under the litter frame and apply the brakes to prevent injury in case the Bed Down switch is accidently pressed.
- The CPR emergency release on the Short Bed frame may require assistance to lower the back when the back is in the highest position. Attempting to lower the back in this position without assistance may result in injury to the operator.
- Only use equipment with the following electrical specs: 110VAC; 10A; 60Hz. Maximum total load drawn by equipment used in this receptacle outlet must not exceed 10A. The total system chassis risk current should not exceed 300uA. Grounding continuity should be checked periodically.
- To avoid risk of electrical shock, unplug all power cords before opening the service compartment, junction box or receptacle.
- Do not use the optional 110V outlet for life sustaining equipment.
- To avoid pinching your fingers, place the I.V. pole in the upright position before using the drive handle.

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⚠ WARNINGS (CONTINUED)

- When using any mattress and/or mattress overlay that increases the overall height greater than 6” extra caution and/or operator supervision is required to help reduce the likelihood of a patient fall occurring.

To avoid possible injury and to assure proper operation when using a powered mattress replacement system such as XPRT:

- Confirm proper Scale System operation following mattress installation. For best results, secure the therapy mattress power cord to prevent damage to the cord or interference with the bed frame and the Scale System.
- Do not zero bed scales or weigh patient with Percussion, Vibration, Rotation or Turn-Assist active. Patient motion and position resulting from the dynamic therapy mattress may adversely affect Scale System performance.
- Do not initialize (Arm) Bed Exit with Percussion, Vibration, Rotation or Turn-Assist active. The patient motion and position resulting from the dynamic therapy mattress may adversely affect Bed Exit System performance.
- When using an XPRT Therapy Mattress extra caution and/or operator supervision is required to help reduce the likelihood of a patient fall occurring.

⚠ CAUTIONS

- When large spills occur in the area of the circuit boards, 110V cables and motors, immediately unplug the bed power cord from the wall socket. Remove the patient from the bed and clean up the fluid. Have maintenance completely check the bed. Fluids can affect the operational capabilities of any electrical product. Do Not put the bed back into service until it is completely dry and has been thoroughly tested for safe operation.
- Preventative maintenance should be performed at a minimum of annually to ensure all bed features are functioning properly. Close attention should be given to safety features including, but not limited to:

  Safety side latching mechanisms, frayed electrical cords and components, all electrical controls return to off or neutral position when released, caster braking systems, no controls or cabling entangled in bed mechanisms, leakage current 300uA maximum, Scale and Bed Exit Systems calibrated properly.

- Because individual beds may have different options, foot boards should not be moved from one bed to another. Mixing foot boards could result in unpredictable bed operation.
- The lockout buttons on the foot board lock the Fowler, Gatch and Bed Up/Down functions and prevent motion of the bed. It is the responsibility of attending medical personnel to determine whether these functions should be locked and to use the buttons accordingly.
- The weight of the I.V. bags should not exceed 40 pounds.
- Scale function may be affected by siderail/caster interference. With the litter fully lowered or lowered in Reverse Trendelenburg, the siderails tucked under the litter in the storage position and the casters turned, there is the potential for interference between the siderail and the caster. Raise the siderails when lowering the litter to the full down position to prevent the interference from causing the Scale System to weigh inaccurately.
- When attaching equipment to the frame, ensure it will not impede normal operation. For example: hooks on hanging equipment must not actuate control buttons, equipment must not hide the Nurse Call button, etc.
- The use of a mattress overlay may reduce the effectiveness of the siderail.
- The I.V. poles should not be used as a bed push/pull device.
- The cleanliness and integrity of both ground chains must be maintained to minimize static build-on and discharge.
- Do not add or remove weight when the Bed Exit System is armed.

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ZOOM® OPTION

In addition to the previous warnings and cautions, all of the following warnings and cautions apply to units equipped with the Zoom® option.

⚠ WARNINGS

- The 3002 Patient Transport Frame is intended for use by trained hospital personnel only. Failure to properly train personnel could result in injury.
- Use Caution while maneuvering the unit with the drive wheel activated. Always ensure there are no obstacles near the unit while the drive wheel is activated. Injury to the patient, user or bystanders or damage to the frame or surrounding equipment could occur if the unit collides with an obstacle.
- Use Caution when transporting the unit down halls, through doors, in and out of elevators, etc. Damage to the siderails or other parts of the unit could occur if the unit comes in contact with walls or door frames.
- Put the drive wheel in the neutral position and release the brakes before pushing the unit manually. Do not attempt to push the unit manually with the drive wheel engaged. The unit will be difficult to push and injury could result.
- If unanticipated motion occurs, unplug the power cord from the wall socket, push the battery power On/Off switch to the ”Off” position (the LED will not be illuminated) and actuate the drive wheel pedal to the neutral position.
- The power save mode is activated after one hour on battery power with no motion release switch activation. Functions including Bed Exit, Scale and Motion will cease to operate when the unit enters the power save mode. Injury to the patient could occur if proper patient monitoring protocol is not observed.
- Always unplug the power cord and push the battery power On/Off switch to the “Off” position before service or cleaning. When working under the frame, always place blocks under the litter frame to prevent injury in case the Bed Down switch is accidently activated.
- Due to the weight the battery adds to the bed (approximately 50 pounds), additional force is required to move the bed. Caution should be used when transporting this bed. Additional assistance should be used when necessary. Failure to use caution while transporting this bed may result in injury to the user. Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.
- Do not modify the 3002 Patient Transport Frame. Modifying the unit can cause unpredictable operation resulting in injury to the patient or operator. Modifying the unit will also void its warranty.

⚠ CAUTIONS

- To avoid damage while transporting the bed, verify the I.V. pole is at a low enough height to allow it to safely pass through door openings and under light fixtures.
- The battery tray assembly weighs 50 pounds. Take care when removing the two hexagonal head screws securing it to the base frame or personal injury could result.

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Static Discharge Precautions

The electronic circuits in the Secure II Bed are completely protected from static electricity damage only while the bed is assembled. It is extremely important that all service personnel always use adequate static protection when servicing the electronic systems of the Secure II Bed. Whenever you are touching wires, you should be using static protection.

Static Protection Equipment

The necessary equipment for proper static protection is:

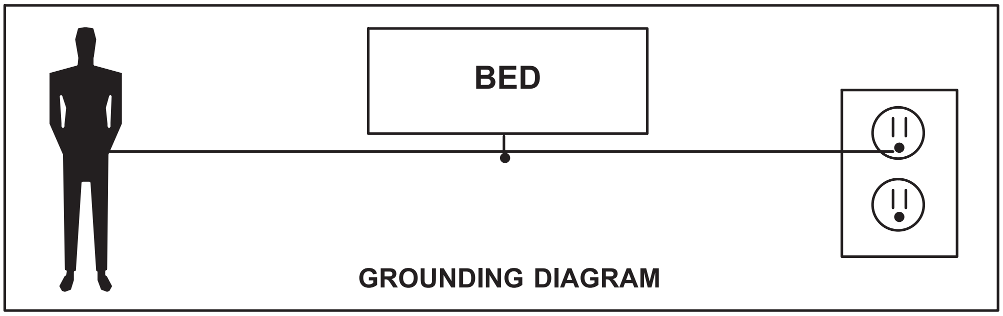
- 1 static wrist strap; 3M part number 2214 or equivalent,
- 1 grounding plug; 3M part number 61038 or equivalent,
- 1 test lead with a banana plug on one end and an alligator clip on the other; Smith part number N132B699 or equivalent.

⚠ CAUTION

All electronic service parts will be shipped in static shielding bags. Do not open the bags until you have completed steps 2 and 3 of the following procedure. Do not place unprotected circuit boards on the floor. All circuit boards to be returned to Stryker Medical should be shipped in the static shielding bags the new boards were shipped in.

Static Protection Procedure

1. Unplug the power cord from the wall receptacle.
2. Insert the grounding plug into a properly grounded hospital grade wall receptacle. Plug the banana plug of the test lead into the receptacle on the grounding plug. Connect the alligator clip on the other end of the test lead to a ground point on the bed.
3. Place the static control wrist strap on your wrist. Connect the alligator clip at the other end of the wrist strap cord to a ground point on the bed.



Setup Procedures

It is important that the Secure II Bed is working properly before it is put into service. The following list will help ensure that each part of the bed is tested.

- Plug the bed into a properly grounded, hospital grade wall receptacle and ensure the “Power” LED light at the foot end of the bed comes on.

WARNING

The Secure II Bed is equipped with a hospital grade plug for protection against shock hazard. It must be plugged directly into a properly grounded three-prong receptacle. Grounding reliability can be achieved only when a hospital grade receptacle is used.

- Plug the optional interface cable into the 37 pin connector under the litter frame at the head end of the bed, and into the “Patients Station”, “Head Wall”, “Docker Station”, or equivalent (whichever applies). Test the interface cable to verify it is functioning properly.

WARNING

Use only a Stryker supplied interface cable. Use of any other cable may cause the bed to function improperly which may result in patient or user injury.

- Ensure the siderails raise, lower and store smoothly and lock in the up position and in the intermediate position when lowered (see “Positioning Siderails” section).
- Ensure that all four casters lock when the brake pedal is engaged (see “Brake Pedal Operation” section).
- Raise the Back up to approximately 60°. Squeeze the CPR release handle and ensure the Back will drop with minimal effort.

Note

Ensure that the “Brake Not Set” LED’s located on the outside of the head end siderails and on the foot board control panel come on when the brakes are disengaged.

- Run through each function on the foot board control panel to ensure that each function is working properly (see “Foot Board Operation Guide” section).
- Run through each function on both head end siderails to ensure that each is working properly (see “Siderail Operation Guide” section).
- Activate the motion stop system to ensure it is functioning properly: press and hold down the **Bed Down** key. As the bed lowers, lift up on the motion interrupt pan (reference drawing in “Bed Illustration” section) and ensure the downward motion stops. Release the pan and allow the downward motion to continue.

Note

The bed’s upward motion or other functions are not disrupted by the motion stop system.

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ZOOM™ OPTION

If your bed is equipped with the Zoom™ drive wheel option, run through the setup procedures and continue with the procedures listed below.

- Plug the power cord into a properly grounded, hospital grade wall receptacle. The 12V batteries that provide power to the drive wheel and backup power to the unit functions will charge whenever the power cord is plugged into the wall socket. The batteries require approximately 10 hours of charging time before the bed is put into service.
- Unplug the power cord from the wall socket. Push the battery power switch located on the lower left corner of the head end to the On position. Again, verify each function on the foot board and siderails is operating properly.
- With the battery power switch in the On position and the brakes engaged, ensure the “Release Brakes” LED on the head end control panel is illuminated.
- With the battery power switch in the On position and the drive wheel in the neutral position (not touching the floor), ensure the “Engage Drive Wheel” LED on the head end control panel is illuminated.
- Run through the operation of the drive wheel (see “Zoom™ Option Operation Guide” to ensure it is operating properly).

If any problems are found during bed setup, contact Stryker Customer Service at 800-327-077.

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchnadise must be made with the carrier within fifteen (15) days of receipt of merchandise. Do Not accept damaged shipments unless such damage is noted on the delivery receipt at the time of receipt. Stryker Customer Service must be notified immediately. Stryker will aid the customer in filing a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Claims for any short shipment must be made within thirty (30) days of invoice.

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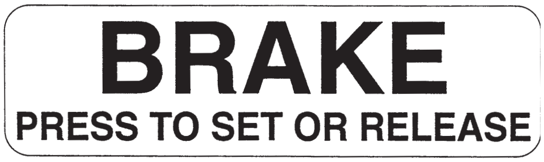
BRAKE PEDAL OPERATION

WARNING

Always apply the caster brakes when a patient is getting on or off the bed. Push on the bed to ensure the brakes are securely locked. Always engage the brakes unless the bed is being moved. Injury could result if the bed moves while a patient is getting on or off the bed.

To activate the brakes, push down once on one of the pedals located at the midpoint of the bed on both sides (identified by the label at right). The pedal will remain in the lowered position, indicating the brakes are engaged. To disengage the brakes, push down once and the pedal will return to the upper position.


BRAKE
PRESS TO SET OR RELEASE

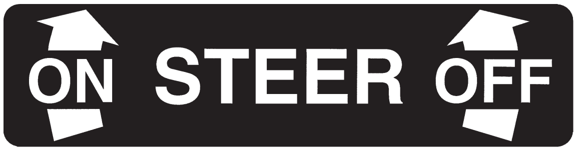
Note

There are LED lights on the outside of the head end siderails and on the foot end control panel that will blink when the brakes are not engaged only if the bed is plugged into a wall socket (see “Siderail Operation Guide” section). The brakes will still operate properly when the bed is not plugged in.

STEER PEDAL OPERATION (BEDS WITHOUT THE ZOOM® DRIVE WHEEL OPTION)

When the bed is moved, the steer caster helps guide the bed along a straight line and helps the bed pivot around corners.

To activate the steer caster, move the pedal located at the head end of the bed to your left as shown on the label.



WARNING

Do not attempt to move the foot end of the bed laterally when the steer pedal is activated. When the steer pedal is activated, the steer caster at the foot end of the bed cannot swivel. Attempting to move the bed laterally when the steer pedal is activated may cause injury to the user.

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CPR EMERGENCY RELEASE

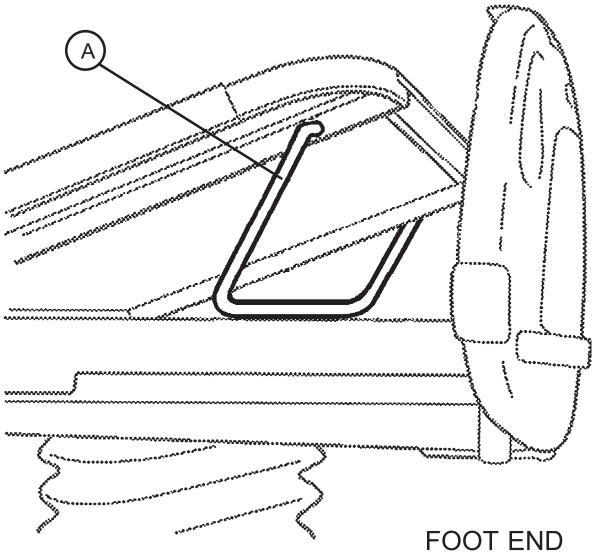
When quick access to the patient is needed and the Fowler is raised, squeeze one of the two red release handles (see "Bed Illustration" section) and the Fowler can be quickly guided down to a flat position.

Note

The handle can be released at any time to stop the Fowler from lowering.

OPTIONAL FOOT PROP USAGE

To prop the foot end of the Knee Gatch up, grasp the end of the Knee Gatch and lift upward, allowing the foot prop (A) to engage at the desired height. To release the prop, swing the prop (A) toward the head end of the bed to disengage the hinge and lower the foot end.



⚠ WARNING

To avoid injury while cleaning or servicing under the foot section, secure the foot section with string or bungee cords or hold it up out of the way.

FRACTURE FRAME USAGE

A standard fracture frame can be mounted on the bed using the I.V. sockets located on all four corners of the bed. I.V. poles can be used in conjunction with a fracture frame if I.V. pole adaptor sockets are purchased.

⚠ WARNING

Use only retractable traction or fracture frames. Failure to use a retractable frame may result in injury to the patient and/or damage to the equipment.

FOLEY BAG HOOKS USAGE

The standard Foley bag hooks are found at two locations on both sides of the frame: under the frame below the seat section and at the extreme foot end of the frame. The optional isolated Foley bag hooks are located at the foot end of the bed on top of the lift header. The patient weight reading on the Scale System will not be affected when the optional isolated Foley bag hooks are used.

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PATIENT RESTRAINT STRAP LOCATIONS

The bed has 12 locations for installing patient restraint straps on the litter top, 6 on each side of the bed.

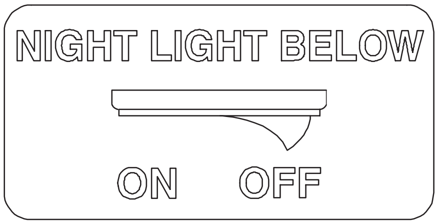
⚠ WARNING

Improperly adjusted restraint straps can cause serious injury to a patient. The clinician must use her/his judgement to determine proper use of restraint straps and restraint strap locations.

Clean Velcro **After Each Use.** Saturate Velcro with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro should be determined by the hospital.)

NIGHT LIGHT USAGE

The bed is equipped with two night lights to illuminate the floor area around the bed. There is a switch under the litter thigh section on the patient's left side that turns both lights on and off.

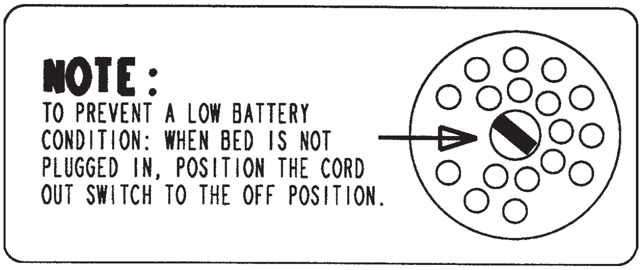


Note

The night lights have a sensor so the lights will turn off, even when the switch is on, if the light in the room is bright enough so a night light is not necessary.

NURSE CALL BACKUP BATTERY (OPTIONAL EQUIPMENT)

To prevent a low battery condition when the bed is not plugged in, position the cord out switch at the head end of the bed to the off position. The switch is identified by the label shown below. If the switch is not positioned as shown below and the bed power cord and pendant cord are unplugged, the life of the backup battery will be significantly reduced. If the power light (located on the foot board) is flashing, the Nurse Call battery needs to be replaced. The battery is located on the patient's left side at the head end of the bed. No tools are required to replace the battery. Unplug the bed power cord from the wall socket and replace the battery.



NOTE:
TO PREVENT A LOW BATTERY
CONDITION: WHEN BED IS NOT
PLUGGED IN, POSITION THE CORD
OUT SWITCH TO THE OFF POSITION.

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USING THE 110V OUTLET (OPTIONAL EQUIPMENT)

The 110V outlet has its own power cord that must be plugged into a properly grounded three-prong wall receptacle different from the wall receptacle the bed power cord is plugged into.

If the equipment plugged into the bed outlet is not receiving power, check the circuit breakers located on the litter frame under the head section (see “Optional 110V Outlet Assembly - 3002-320-050” section). Reset, if necessary.

⚠ **WARNING**

Only use equipment with the following electrical specs: 110VAC; 10A; 60Hz. Maximum total load drawn by equipment used in this receptacle outlet must not exceed 10A. The total system chassis risk current should not exceed 100uA. Grounding continuity should be checked periodically.

To avoid risk of electrical shock, unplug all power cords before opening the service compartment, junction box or receptacle.

Do not use the optional 110V outlet for life sustaining equipment.

CPR BOARD USAGE (OPTIONAL EQUIPMENT)

If the bed is equipped with the optional CPR board, it is stored on the bed’s head board. To remove it, pull it away from the head board and lift it out of storage position. If the CPR board option was not purchased, the head board can also be removed and used as an emergency CPR board.

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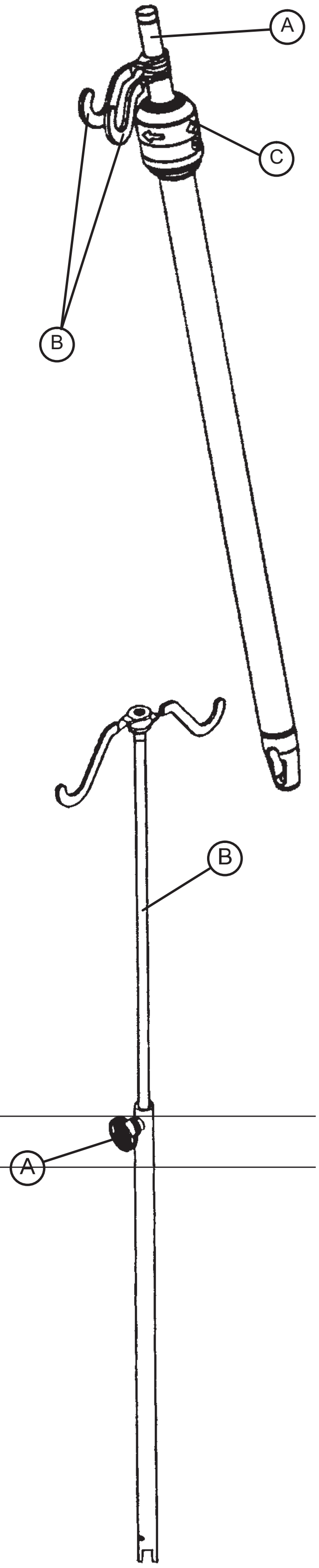
OPERATING THE I.V. POLES



Using the 2-stage Permanently Attached I.V. Pole:

Note

The 2-stage permanently attached I.V. pole is an option and may have been installed at either the head, foot or both ends. The choice was made at the time the unit was purchased.

1. Lift and pivot the pole from the storage position and push down until it rests in the receptacle.
2. To raise the height of the pole, pull up on the telescoping portion (A) until it locks into place at its fully raised position.
3. Rotate the I.V. hangers (B) to desired position and hang I.V. bags.
4. To lower the I.V. pole turn the latch (C) clockwise until section (A) lowers.

⚠ CAUTION

To avoid damage, the weight of the I.V. bags should not exceed 40 pounds

⚠ WARNING

To avoid pinching your fingers, place the I.V. pole in the upright position before using the drive handle.

Using the “Removable” I.V. Pole:

1. Install the pole at any of the four receptacles on the bed top (located on all four corners of the frame.)
2. To raise the height of the pole, turn knob (A) counterclockwise and pull up on the telescoping portion (B) of the pole and raise it to the desired height.
3. Turn knob (A) clockwise to tighten the telescoping portion in place.

⚠ CAUTION

To avoid damage, the weight of the I.V. bags should not exceed 40 pounds.

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POSITIONING SIDERAILS

Note

The siderails can be locked at two heights (intermediate and full up). The foot end siderails on a Short Bed do not have an intermediate position.

The siderails can slide to the side of the bed when not in use. To remove the rail from the tucked position, grasp the top of the rail and pull outward.

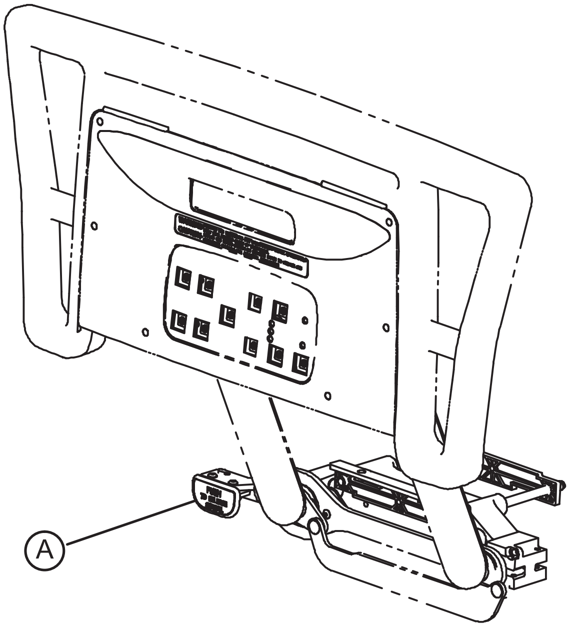
To engage the head end siderail, grasp the rail and swing it upward to full height. When the siderail is being raised, it does not lock in the intermediate position. To lower the siderail, push in the yellow release handle (A) and rotate the siderail until it locks in the intermediate position. To lower the siderail fully, push in the yellow release handle (A) again and rotate the siderail until it is completely lowered.

To engage the foot end siderail, the same procedure is required as for the head end siderail, however, the siderail swings toward the foot end of the bed.

⚠ WARNING

Be sure the siderail is locked securely into position. Siderails are not intended to keep patients from exiting the bed. They are designed to keep a patient from inadvertently rolling off the bed. Proper restraint methods should be utilized to ensure the patient remains in bed.
The siderails are not intended to be used as a push device.

To disengage the rail, push in the yellow release handle (A) and swing the rail down to the desired height. Store the siderails slid.



SIDERAIL CONTROL PANEL LIGHTS

The bed is equipped with lights to illuminate the head end siderail control panel and the red Nurse Call switches. Both can be activated at the foot board control panel. Three settings are available for the control panel lights: low, medium and high intensity. When all lights are off, push the siderail control light button at the foot board once to turn on both the control lights and the Nurse Call light at the siderail. Push again to change from low to medium setting, and a third time to change to the high setting. The Nurse Call light intensity is not affected. Pushing the button a fourth time will turn off the siderail control panel lights and pushing it a fifth time will turn off the red Nurse Call light as well (see “Foot Board Operation Guide” section).

Note

The purpose of the red Nurse Call light on the siderails is to ensure the patient immediately knows which button to push to contact the nurse station. Turning the red light off may compromise this ability, especially in a darkened room.

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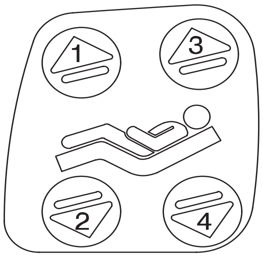
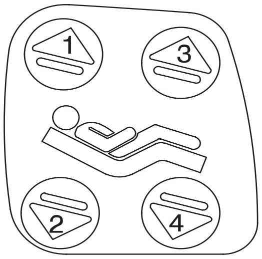
INSIDE SIDERAIL FUNCTION GUIDE

(Patient's Right Rail)
1. Push to raise Knee Gatch.
2. Push to lower Knee Gatch.
3. Push to raise Fowler.
4. Push to lower Fowler.



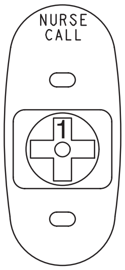
(Patient's Left Rail)
1. Push to raise Fowler.
2. Push to lower Fowler.
3. Push to raise Knee Gatch.
4. Push to lower Knee Gatch.



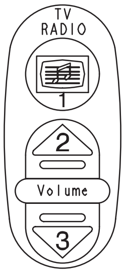
1. Push to activate Nurse Call.

Note

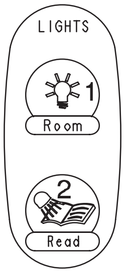
Yellow LED will light when the button is pushed.
Red LED will light with Nurse Station acknowledgment.
► This panel is optional equipment.



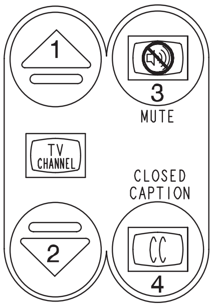
1. Push to turn TV or radio on and to select a channel.
2. Push to increase volume.
3. Push to decrease volume.
► This panel is optional equipment.



1. Push to turn the room light on.
2. Push to turn the bed overhead light on.
► This panel is optional equipment.



1. Push to change the TV channel up.
2. Push to change the TV channel down.
3. Push to mute TV volume. Push again to turn the sound back on.
5. Push to display closed captioning.
   Push again to turn off closed captioning.
► This panel is optional equipment.



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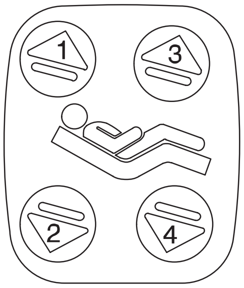
OUTSIDE SIDERAIL FUNCTION GUIDE

(Patient's Right Rail)

1. Push to raise Fowler.
2. Push to lower Fowler.
3. Push to raise Knee Gatch.
4. Push to lower Knee Gatch.

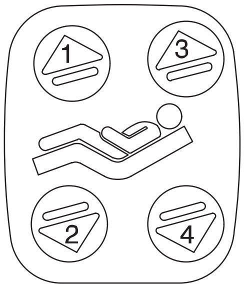
► This panel is optional equipment.



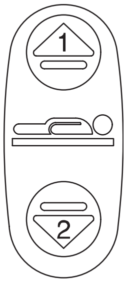
(Patient's Left Rail)

1. Push to raise Knee Gatch.
2. Push to lower Knee Gatch.
3. Push to raise Fowler.
4. Push to lower Fowler.

► This panel is optional equipment.

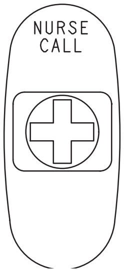


1. Push to raise bed height.
2. Push to lower bed height.

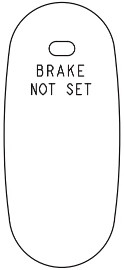


Push to activate Nurse Call.

► This panel is optional equipment.

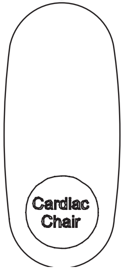


LED will blink when the brakes are not set.



Push to activate the Cardiac Chair function. The Knee will raise, the Back will raise or lower to approximately 52° and the bed will tilt to approximately -12° (-10° if it's a Short Bed) reverse Trendelenburg (foot end down). Release the button to stop bed movement: hold the button until movement stops to complete the function.

► This panel is optional equipment.



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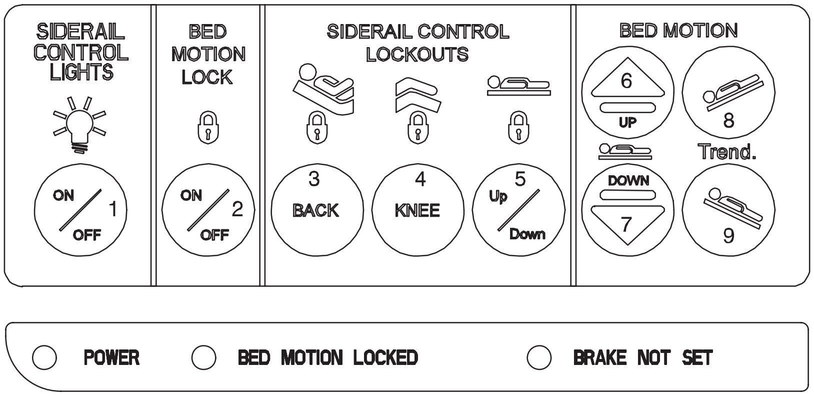
Foot Board Operation Guide

FOOT BOARD CONTROL PANEL GUIDE


SIDERAIL CONTROL LIGHTS
ON
1
OFF
BED MOTION LOCK
ON
2
OFF
SIDERAIL CONTROL LOCKOUTS
3
BACK
4
KNEE
5
Up
Down
BED MOTION
6
UP
8
Trend.
DOWN
7
9
POWER
BED MOTION LOCKED
BRAKE NOT SET

1. Push repeatedly for low, medium and high settings for the siderail control panel lights. Pushing a fourth and fifth time will turn off the siderail lights and the red Nurse Call light respectively (see “Positioning Siderails” section).

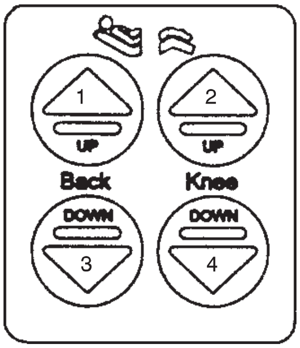
Note

The intent of the red Nurse Call light on the siderails is to ensure the patient immediately knows which button to push to contact the nurse station. Turning the red light off may compromise this ability, especially in a darkened room.

2. Push to lock out all bed motions. The **Motion** lock icon and the “**Bed Motion Locked**” LED will light. Push again to unlock.
3. Push to lock out Back Rest controls at both siderails. The **Head** lock icon will light. Push again to unlock.
4. Push to lock out Knee Gatch controls at both siderails. The **Knee** lock icon will light. Push again to unlock.
5. Push to lock out bed height movement at both siderails. The **Up/Down** lock icon will light. Push again to unlock.
6. Push to raise bed height.
7. Push to lower bed height.
8. Push to lower head end/raise foot end of bed (Trendelenburg position).
9. Push to lower foot end/raise head end of bed (Reverse Trendelenburg position).

⚠ CAUTION

Because individual beds may have different options, foot boards should not be moved from one bed to another. Mixing foot boards could result in unpredictable bed operation.


1
UP
2
UP
Back
Knee
DOWN
3
DOWN
4

1. Push to raise Fowler.
2. Push to raise Knee Gatch.
3. Push to lower Fowler.
4. Push to lower Knee Gatch.

► This panel is optional equipment.

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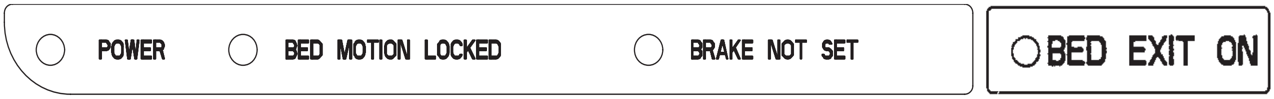
Foot Board Operation Guide

LED DISPLAY PANEL GUIDE

The LED Display Panel is located at the foot end of the bed, under the Control Panel.



"**Power**" - will light when the bed is plugged into the wall receptacle. Will blink if the 9V Nurse Call battery needs to be replaced.
"**Bed Motion Locked**" - will light when the Bed Motion Lock has been activated.
"**Brake Not Set**" - will blink when the brakes have not been set.
"**Bed Exit On**" - will light when the Bed Exit function has been activated (optional equipment).

FUNCTION LOCKOUT SYSTEM USAGE

1. To lock out the bed movement functions on the siderails and prevent the patient from changing the positioning of the bed, push the "Head", "Knee" and/or "Up/Down" switches in the "Siderail Control Lockouts" module on the foot board control panel.

Note

The foot board controls for these motions are not affected by the lockout switches.
The "padlock" symbol on the control panel will be lighted when that function is locked out.

2. To lock out the entire bed motion for all switches on the bed (siderails and foot board), push the "On/Off" switch in the "Bed Motion Lock" module on the foot board control panel.

CAUTION

The lockout buttons on the foot board lock the Fowler, Gatch and Bed Up/Down functions and prevent motion of the bed. It is the responsibility of attending medical personnel to determine whether these functions should be locked and to use the buttons accordingly.

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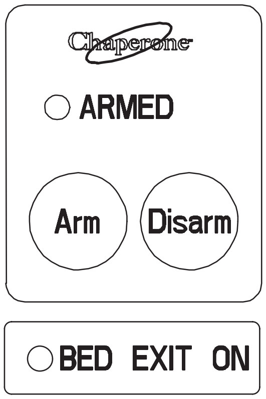
CHAPERONE® BED EXIT (OPTIONAL EQUIPMENT)



For Beds With A Scale System:

Note

If the weigh system is in use, it will switch to “Off” when the “Arm” key is pressed.

1. Before putting the patient on the bed, the weigh system must be zeroed for the Bed Exit System to function properly (see “Preparing the Bed for Patient Stay/Zeroing the Scale System” section for instructions on zeroing the weigh system).
2. Put the patient on the bed and push the “Arm” key to activate the Bed Exit function. The “Armed” light will come on.
3. To deactivate Bed Exit, push the “Disarm” key. The “Armed” and “Bed Exit On” lights will turn off.

For Beds Without A Scale System:

1. Before putting the patient on the bed, press and hold the “Arm” and the “Disarm” keys together until the “Armed” light begins to flash.
2. Release the “Arm” and the “Disarm” keys and do not touch th bed until the “Armed” light stops flashing.
3. Put the patient on the bed and push the “Arm” key to activate the Bed Exit function. The “Armed” light will come on.
4. To deactivate Bed Exit, push “Disarm”. The “Armed” and “Bed Exit On” lights will turn off.

⚠ WARNING

The Bed Exit System is intended only to aid in the detection of a patient exiting the bed. It is NOT intended to replace patient monitoring protocol. It signals when a patient is about to exit. Adding or subtracting objects from the bed after arming the Bed Exit System may cause a reduction in the sensitivity of the Bed Exit System.

To avoid possible injury and to assure proper operation when using a powered mattress replacement system such as XPRT, do not initialize (Arm) Bed Exit with Percussion, Vibration, Rotation or Turn-Assist active. The patient motion and position resulting from a dynamic therapy mattress may adversely affect Bed Exit System performance.

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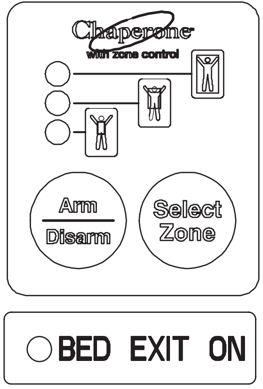
CHAPERONE® BED EXIT WITH ZONE CONTROL (OPTIONAL EQUIPMENT)



For Beds With A Scale System:

Note

If the weigh system is in use, it will switch to “Off” when Bed Exit is armed.

1. Before putting the patient on the bed, the weigh system must be zeroed for the Bed Exit System to function properly (see “Preparing the Bed for Patient Stay/Zeroing the Scale System” section for instructions on zeroing the weigh system).
2. Put the patient on the bed and push and release the “**Arm/Disarm**” key (top light will come on).
3. The Bed Exit System with Zone Control will automatically select the first zone. To change the zone, push and hold the “**Select Zone**” key until the light indicating the desired zone comes on.
4. To deactivate Bed Exit, push the “**Arm/Disarm**” key. The selected zone light and ”Bed Exit On” light will turn off.

For Beds Without A Scale System:

1. Before putting the patient on the bed, press and hold the “**Arm/Disarm**” and the “**Select Zone**” keys together for 5 seconds. The top light will begin to flash.
2. Release the “**Arm/Disarm**” and the “**Select Zone**” keys and do not touch the bed until the top light stops flashing.
3. Put the patient on the bed and push and release the “**Arm/Disarm**” key (top light will come on).
4. The Bed Exit System with Zone Control will automatically select the first zone. To change the zone, push and hold the “**Select Zone**” key until the light indicating the desired zone comes on.
5. To deactivate Bed Exit, push the “**Arm/Disarm**” key. The selected zone light and “Bed Exit On” light will turn off.

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CHAPERONE® BED EXIT WITH ZONE CONTROL (OPTIONAL EQUIPMENT) (CONTINUED)

CHAPERONE® ZONE SETTINGS

The first zone (top indicator light) is the traditional Bed Exit zone. The patient can move around the bed freely but cannot fully exit the bed or the alarm will sound.

The second zone (middle indicator light) is more restrictive than the first zone. When the zone is selected, the bed measures the location of the patient's center of gravity. If the patient's center of gravity moves from the original location more than 6.5" to either side or 13" toward the head or foot, an alarm will sound.

The third zone (bottom indicator light) is the most restrictive zone. When the zone is selected, the bed measures the location of the patient's center of gravity. If the patient's center of gravity moves from the original location more than 1" to either side or 1" toward the head or foot, an alarm will sound.

Note

All zone dimensions are ±.5".

⚠ WARNING

To avoid possible injury and to assure proper operation when using a powered mattress replacement system such as XPRT, do not initialize (Arm) Bed Exit with Percussion, Vibration, Rotation or Turn-Assist active. The patient motion and position resulting from a dynamic therapy mattress may adversely affect Bed Exit System performance.

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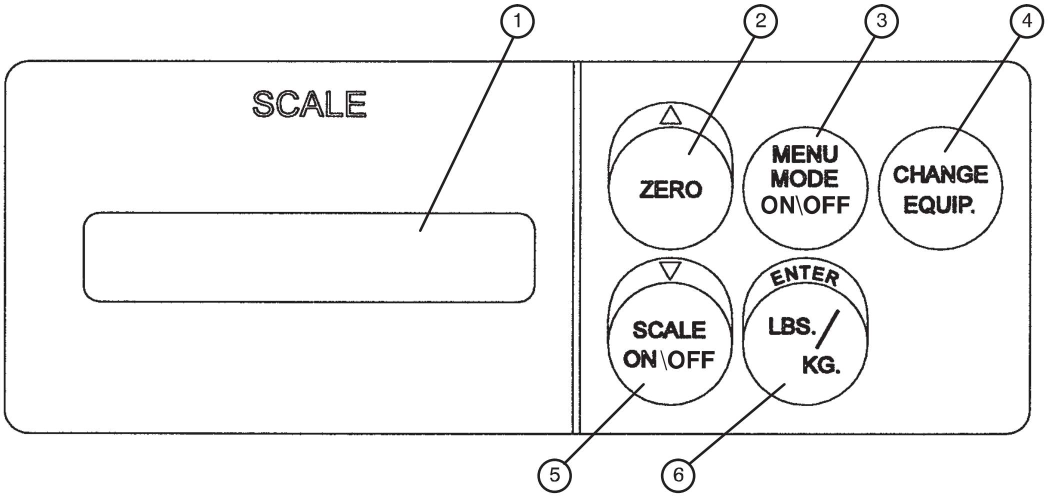
SCALE SYSTEM CONTROL PANEL GUIDE (OPTIONAL EQUIPMENT)



1. LCD - displays patient weight. Trendelenburg angle is displayed when the scale is not active.
2. Press to zero bed (see “Preparing the Bed for Patient Stay/Zeroing the Scale System” section). Also press to scroll while Menu Mode is active.
3. Press to enter and exit the Menu Mode.
4. Press when adding or removing equipment to the bed (see “Adding or Removing Items During a Patient’s Stay” section).
5. Press to turn Scale System on and off. Also press to scroll while Menu Mode is active.
6. Press to change weight from pounds to kilograms or back (see “Converting the Patient’s Weight” section). Also press while using the Menu Mode.

Note

If weight is displayed, Scale On/Off must be pressed to turn off the scale before the Trendelenburg or Fowler angle will display.

⚠ CAUTION

Scale function may be affected by siderail/caster interference. With the litter fully lowered or lowered in Reverse Trendelenburg, the siderails tucked under the litter in the storage position and the casters turned, there is the potential for interference between the siderail and the caster. Raise the siderails when lowering the litter to the full down position to prevent the interference from causing the Scale System to weigh inaccurately.

⚠ WARNING

To avoid possible injury and to assure proper operation when using a powered mattress replacement system such as XPRT:

- Confirm proper Scale System operation following mattress installation. For best results, secure the mattress power cord to prevent damage to the cord and interference with the bed frame and the Scale System.
- Do not zero bed scales or weigh patient with Percussion, Vibration, Rotation or Turn-Assist active. Patient motion and position resulting from the dynamic therapy mattress may adversely affect Scale System performance.

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Scale System Operation Guide

For more detailed operating instructions, see the following:

1. Preparing The Bed For Patient Stay/zeroing The Bed
2. Activating The Scale System And Displaying Patient Weight
3. Adding Or Removing Items During A Patient's Stay
4. Converting The Patient's Weight
5. Displaying The Weight Log
6. Viewing Patient Weight In Gain/loss Mode
7. Changing The Numerical Value Of Displayed Weight

PREPARING THE BED FOR PATIENT STAY/ZEROING THE SCALE SYSTEM

Note

Do not zero the bed while a patient is in bed. If this should occur, remove the patient and zero the bed again. If Bed Exit is armed, it must be disarmed before the scales can be zeroed.

- Prepare the bed for the patient's stay by adding/removing linens, pillows, etc.
- Press and release SCALE ON/OFF The scale monitor will read:
  "LET GO FOR SCALE"
  "WEIGHING"
  "XXX.X LB"
- Press and hold ZERO The scale monitor will read:
  "HOLD TO ZERO WT."
  "RELEASE TO ZERO"
- Release ZERO The scale monitor will now read:
  "DO NOT TOUCH BED"
  "0.0 LB"

The bed is now ready for the patient.

Note

If there is a problem with a load cell or another component of the Scale System, the system will try to zero for 30 seconds, and the scale monitor will read:

"UNABLE TO ZERO"
"TRY AGAIN"

If the problem continues, after 3 attempts at zeroing, the Scale System will lock and the scale monitor will read:

"Scale Sys. Error"
"Call for service"

Unplug the bed power cord from the wall socket and plug it back in. If the problem continues, call a service technician.

ACTIVATING THE SCALE SYSTEM AND DISPLAYING PATIENT WEIGHT

- Press and release SCALE ON/OFF The scale monitor will read:
  "LET GO FOR SCALE"
  "WEIGHING"
  "XXX.X LB"

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ADDING OR REMOVING ITEMS DURING A PATIENT'S STAY

- If it is necessary to add or remove items (monitors, pumps, etc.) during the patient's stay, press and release SCALE ON/OFF to activate the Scale System. After the scale monitor reads: "XXX.X LB", press and hold CHANGE EQUIP.

  The scale monitor will read:

  "HOLD TO START"
  "RELEASE TO START"

- Release CHANGE EQUIP. The scale monitor will read:

  "DO NOT TOUCH BED"
  "ADD/REMOVE EQUIP."

- Add or remove the equipment and press CHANGE EQUIP. The scale monitor will read:

  "RELEASE TO FIN."

- Release CHANGE EQUIP. The scale monitor will read:

  "DO NOT TOUCH BED"
  "XXX.X LB"

The weight displayed will be that of the patient only.

- If the CHANGE EQUIPMENT function is started but not finished, after approximately 45 seconds the monitor will read:

  "HIT CH. EQ. TO END"

- Press CHANGE EQUIP. The scale monitor will read:

  "RELEASE TO FIN."

- Release CHANGE EQUIP. The scale monitor will read:

  "DO NOT TOUCH BED"
  "XXX.X LB"

CONVERTING THE PATIENT'S WEIGHT

- Press and release ENTER LBS./KG. The scale monitor will read:

  "WEIGHT NOW KGS"
  "XXX.X KG"

- Repeat the procedure to return to pounds. The display will read:

  "WEIGHT NOW LBS"
  "XXX.X LB"

- If the unit of measurement has been locked, the display will read:

  "UNITS ARE LOCKED"

A service technician must be called to unlock the unit of measurement.

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DISPLAYING THE WEIGHT LOG

- To display a list of the previous 10 weight readings, press ▽ SCALE ON/OFF to activate the Scale System. The scale monitor will read:

  "LET GO FOR SCALE"
  "XXX.X LB"

- Press MENU MODE ON\OFF to enter the Menu Mode. The scale monitor will read:

  " ▲▼ FOR OPTIONS"

- Press ▽ SCALE ON/OFF or △ ZERO to scroll through the menu options. The scale monitor will read:

  "SHOW WEIGHT LOG"
  "PUSH ENTER"

- Press ENTER LBS./ KG. The scale monitor will read:

  "▲▼ WEIGHT LOG"

- Press ▽ SCALE ON/OFF or △ ZERO to scroll through the weight log. The scale monitor will read:

  "1. 0.0 LB"

- A weight reading is logged each time the ▽ SCALE ON/OFF button is pressed and the bed is in the scale mode for at least 15 seconds.

The first weight reading displayed (1.) is the most recent. If the change in the patient's weight since the last reading was taken is less than .2 pounds, the log will not update. Zeroing the Scale System clears the weight log.

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VIEWING PATIENT WEIGHT IN GAIN/LOSS MODE

- To view the patient’s weight and to begin totaling the amount of weight the patient has gained or lost, press ▽ SCALE ON/OFF to activate the Scale System. The scale monitor will read:
  “LET GO FOR SCALE”
- Press MENU MODE ON\OFF to enter the Menu Mode. The scale monitor will read:
  “▲▼ FOR OPTIONS”
- Press ▽ SCALE ON/OFF or △ ZERO to scroll through the menu options. The scale monitor will read:
  “START GAIN/LOSS”
  “PUSH ENTER”
- Press ENTER LBS./KG. The scale monitor will read:
  “DO NOT TOUCH BED”
  “XXX.X LB G XX.X”
- To exit Gain/Loss mode, press MENU MODE ON\OFF to enter the Menu Mode. The scale monitor will read:
  “ FOR OPTIONS”
- Press ▽ SCALE ON/OFF to △ ZERO to scroll through the menu options. The scale monitor will read:
  “QUIT GAIN/LOSS”
  “PUSH ENTER”
- Press ENTER LBS./KG. The scale monitor will read:
  “XXX.X LB“

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CHANGING THE NUMERICAL VALUE OF DISPLAYED WEIGHT

- To decrease the numerical value of the displayed weight, press ▽ SCALE ON/OFF to activate the Scale System. The scale monitor will read:

  “LET GO FOR SCALE”
  “XXX.X LB”

- Press MENU MODE ON\OFF to enter the Menu Mode. The scale monitor will read:

  “▲▼ FOR OPTIONS”

- Press ▽ SCALE ON/OFF or △ ZERO to scroll through the menu options. The scale monitor will read:

  “CHNG. PTNT. WGT.”
  “PUSH ENTER”

- Press ENTER LBS./KG. The scale monitor will read:

  “HOLD ▲ TO INC.
  ▼ TO DEC.”

- Press ▽ SCALE ON/OFF to decrease the displayed weight or △ ZERO to increase the displayed weight.

- Once the desired weight is displayed, press ENTER LBS./KG. The scale monitor will read:

  “XXX.X LB”

Note

If one of the load cells is malfunctioning or overloaded, the scale monitor will read:

“Scale Sys. Error”
“Call for service”

Call a service technician.

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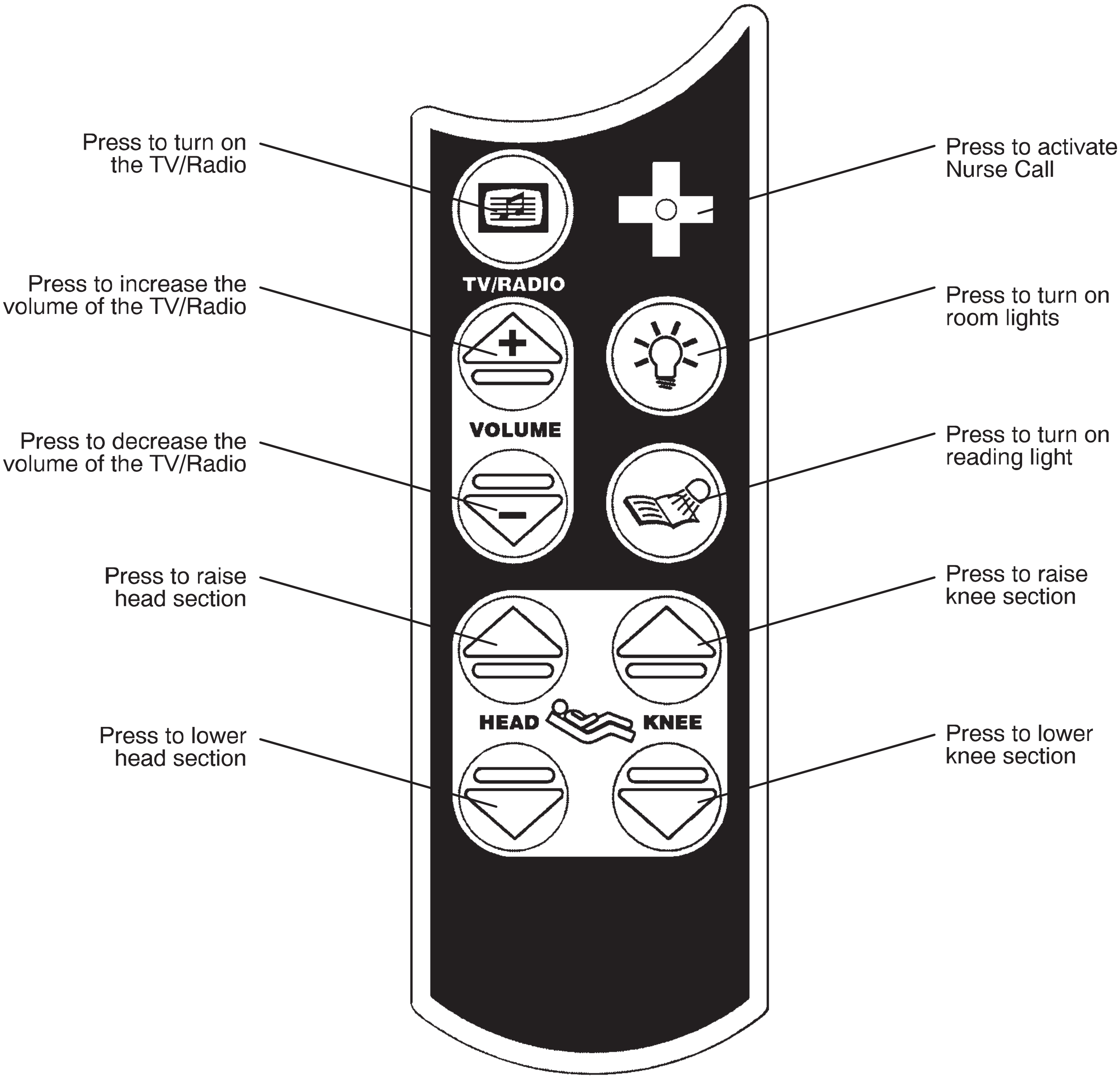
Optional Pendant Operation


Press to turn on the TV/Radio
Press to increase the volume of the TV/Radio
Press to decrease the volume of the TV/Radio
Press to raise head section
Press to lower head section
Press to activate Nurse Call
Press to turn on room lights
Press to turn on reading light
Press to raise knee section
Press to lower knee section
TV/RADIO
VOLUME
HEAD
KNEE

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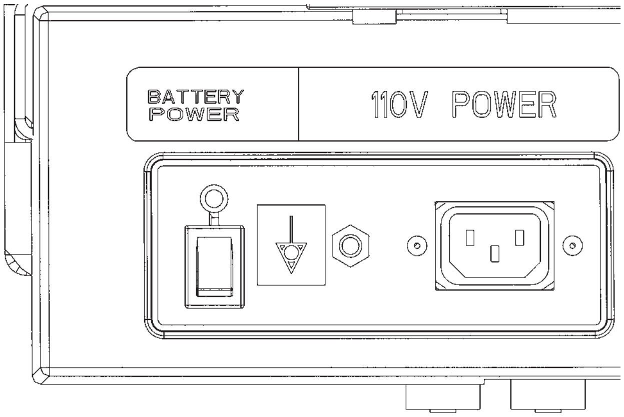
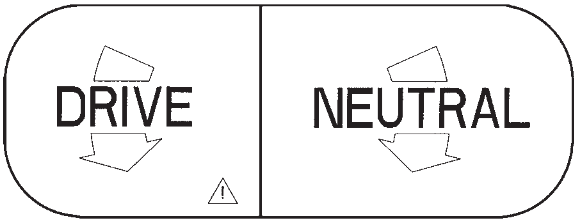
DRIVE WHEEL OPERATION

1. Unplug the power cord from the wall socket and secure the cord sufficiently to prevent entanglement while the unit is in motion. The drive wheel will not operate if the power cord is plugged into the wall socket.
2. Activate the power to the drive wheel by placing the battery power switch located at the left side ofthe head end of the litter in the "On" position. The LED will illuminate.
3. Engage the drive wheel by rotating the pedal located at the head end to the left as shown on the label. To place the drive wheel in the neutral position, rotate the pedal to the right.
4. Release the brakes. The drive system will not function while the brakes are engaged. The "Release Brakes" LED on the head end control panel will be illuminated if the brakes are engaged while the battery power switch is on.





⚠ WARNING

Use Caution while maneuvering the unit with the drive wheel activated. Always ensure there are no obstacles near the unit while the drive wheel is activated. Injury to the patient, user or bystanders or damage to the unit or surrounding equipment could occur if the unit collides with an obstacle.

Use caution when transporting the unit down halls, through doors, in and out of elevators, etc. Damage to the siderails or other parts of the unit could occur if the unit comes in contact with walls or door frames.

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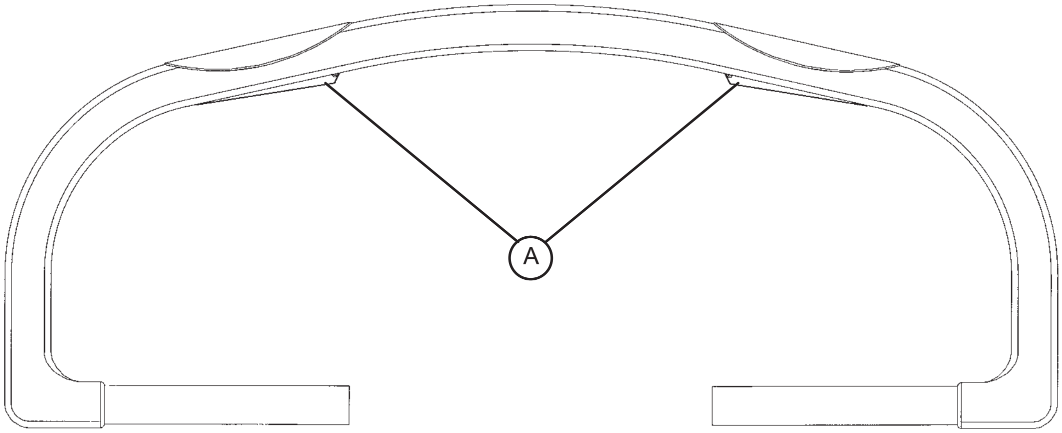
DRIVE WHEEL OPERATION (CONTINUED)

5. Grasp the drive handle at the two raised grip areas. Squeeze either of the motion release switches (A) located under the handle to enable the movement of the drive wheel. Either or both switches will enable movement but both switches must be released to stop movement.



6. While continuing to squeeze the switch(es), push the handle away from you or pull the handle toward you to initiate motion in that direction. The forward speed will increase proportionally to the distance the drive handle is moved. I.E. the farther forward the drive handle is pushed, the faster the unit will move. To stop motion, remove your hands from the switches and the handle.

Note

The drive wheel does not pivot. The unit cannot be moved directly sideways with the drive wheel engaged. With the drive wheel pedal in the neutral position and the unit's brakes released, the unit can be moved in any direction including sideways.
Driving a Zoom® - equipped unit over liquids or slick surfaces could decrease the traction of the drive wheel.

⚠ WARNING

Put the drive wheel in the neutral position and release the brakes before pushing the unit manually. Do not attempt to push the unit manually with the drive wheel engaged. The unit will be difficult to push and injury could result.

⚠ CAUTION

When attaching equipment to the frame, ensure it will not impede normal operation. For example: hooks on hanging equipment must not actuate control buttons, equipment must not hide the Nurse Call button, etc.

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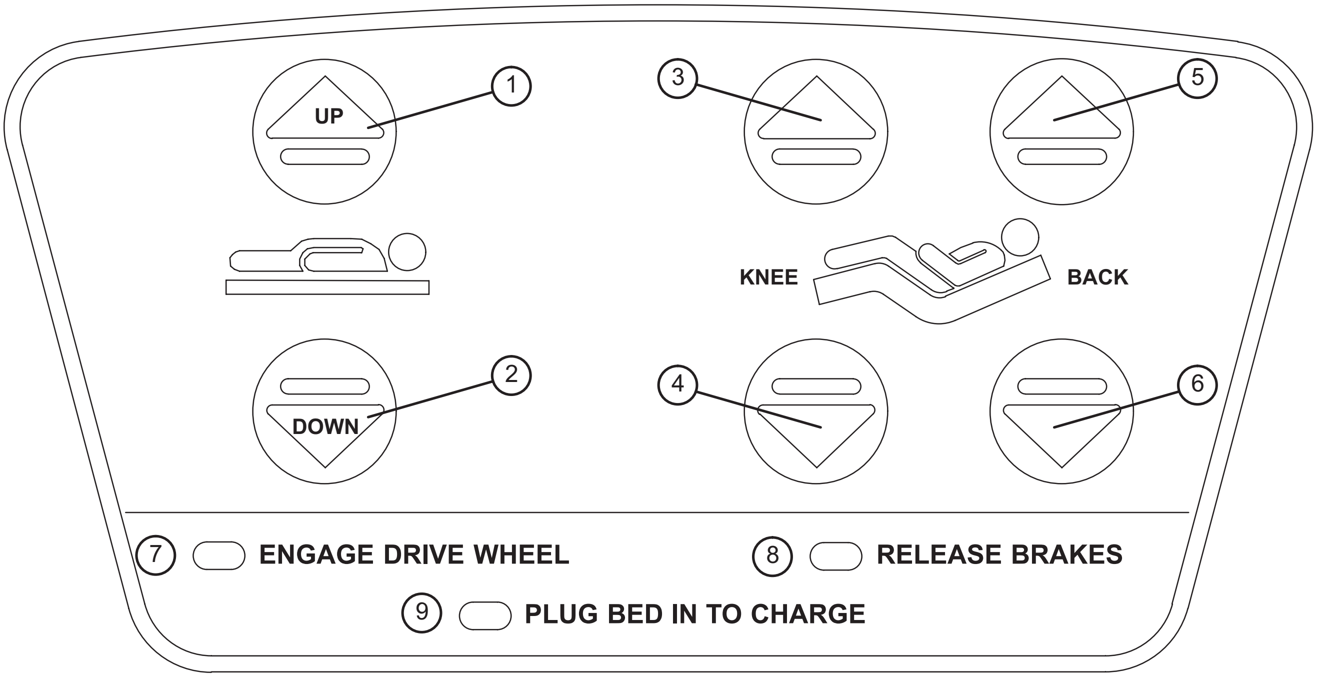
HEAD END CONTROL PANEL OPERATION



1. Press and hold to raise the litter.
2. Press and hold to lower the litter.
3. Press to raise the Knee section.
4. Press to lower the Knee section.
5. Press to raise the Back section.
6. Press to lower the Back section.
7. The “Engage Drive Wheel” LED will be illuminated whenever the battery power switch is on and the drive wheel pedal is in the neutral position. The light will go off when the drive wheel is in the drive position.
8. The “Release Brakes” LED will be illuminated whenever the bed’s brakes are engaged while the battery power switch is on. The light will go off when the brakes are disengaged.
9. The “Plug Bed In To Charge” LED will be illuminated while the battery power switch is on if the battery level is low. Plug the bed power cord into the wall socket to charge the batteries.

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BATTERY CHARGING AND OPERATION

Note

The bed may be equipped with a battery backup option without the Zoom® drive wheel.

1. The unit has two 12V batteries to provide power to the drive wheel and backup power to the unit functions if the power cord is unplugged from the wall socket. Neither the unit functions nor the drive wheel will operate properly if the batteries are not sufficiently charged. The batteries require approximately 10 hours of charging time when they are fully discharged.
2. The batteries are charging whenever the power cord is plugged into a properly grounded, hospital grade wall socket. When the unit is stationary, the power cord should be plugged into a wall socket whenever possible.

Note

The battery will operate under slightly decreased power until it has run through 10-15 cycles of usage and recharging.

3. The “Plug Bed In To Charge” LED on the Head End Control Panel will be illuminated while the battery power switch is on if the battery level is low (see “Head End Control Panel Operation” section). Plug the power cord into a wall socket to charge the batteries.
4. After one hour on battery power with no motion release switch activation, the unit will enter power save mode and none of the unit’s powered functions will operate. Squeeze either of the motion release switches located under the drive handle to enable the unit functions.

Note

The three LED’s on the Head End Control Panel may still be illuminated when the unit is in power save mode. The Battery Power LED located at the left side of the head end of the unit will be illuminated when the unit is in power save mode.

WARNING

The power save mode is activated after one hour on battery power with no motion release switch activation.
Functions including Bed Exit, Scale and Motion will cease to operate when the unit enters the power save mode. Injury to the patient could occur if proper patient monitoring protocol is not observed.

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Preventative Maintenance

CHECKLIST

________ All fasteners secure (reference all assembly prints)
________ Engage brake pedal and push on the bed to verify all casters lock securely
________ “Brake Not Set” LED (on foot board) blinks when brakes are not engaged
________ Locking steer caster engages and disengages properly
________ Siderails move, latch and stow properly
________ CPR release working properly
________ Optional Foot prop intact and working properly
________ I.V. pole working properly
________ Foley bag hooks intact
________ Optional CPR board not cracked or damaged and stores properly
________ No cracks or splits in head and foot boards
________ No rips or cracks in mattress cover
________ All functions on head end siderails working properly (including LED’s)
________ All functions on footboard working properly (including LED’s)
________ Optional Scale and Bed Exit Systems calibrated properly
________ Motion Interrupt switches working properly
________ Night light working properly
________ Power cord not frayed
________ No cables worn or pinched
________ All electrical connections tight
________ All grounds secure to the frame
________ Ground impedance not more than 100 milliohms
________ Current leakage not more than 300uA
________ Apply grease to litter grease points
________ Engage drive wheel and ensure it is operating properly (Zoom® option)
________ Motion release switches working properly (Zoom® option)
________ Confirm Head End Control Panel functionality (Zoom® option)
________ Confirm battery powered functionality (Zoom® option)
________ Ensure the ground chains are clean, intact, and have at least two links touching the floor.

Bed Serial No. ____________________ ____________________
____________________ ____________________
____________________ ____________________
____________________ ____________________
____________________ ____________________

Completed by: ______________________________ Date: ______________

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Cleaning

Hand wash all surfaces of the bed with warm water and mild detergent. Dry thoroughly. Do not steam clean or hose off the Secure II Bed. Do not immerse any part of the bed. Some of the internal parts of the bed are electric and may be damaged by exposure to water.

Suggested cleaners for bed surfaces:

Quaternary Cleaners (active ingredients - ammonium chloride)
Phenolic Cleaners (active ingredient - o-phenyl phenyl)
Chlorinated Bleach Solution (5.25% - less than 1 part bleach to 100 parts water)

Avoid over-saturation and ensure the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.

CAUTION

Some cleaning products are corrosive in nature and may cause damage to the product if used improperly. If the products described above are used to clean Stryker patient care equipment, measures must be taken to insure the beds are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the beds will leave a corrosive residue on the surface of the bed, possibly causing premature corrosion of critical components. Failure to follow the above directions when using these types of cleaners may void this product's warranty.

For mattress cleaning instructions, please see the tag on the mattress, or contact the mattress manufacturer.

Clean Velcro® **after each use.** Saturate Velcro® with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro® should be determined by the hospital.)

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Note

See “Bed Circuit Boards” section for an outline of bed PCB’s and voltage test points.

Problem / Failure	Recommended Action
No power to bed	A. Verify the power cord connections at the wall and the bed. B. Check circuit breakers, under the litter/gatch section on the patient left side. If the circuit breaker is tripped, reset it by pushing in. C. Check for 120VAC at J1 on the power supply, Pin 1 and 2. D. Check for DC voltages on J2 (Pins 1, 2, 3 & 6) on power supply. See “Power Supply” in Bed Circuit Boards section for power supply voltage test points. a. If voltage is present, check connector W on the CPU board and check for the same DC voltages. If OK, go to step E. b. If voltage is not present, unplug connector W on the CPU board and recheck for DC voltages at J2 on the power supply. 1. If voltages come back, re-connect cable W to the CPU board, and go to step c. 2. If DC voltage does not come back, replace the power supply. a. Unplug all connectors except for F, FF, O, and W from the CPU board and recheck voltages on connector W. 1. If DC voltages come back, plug the cable connections back in until problem comes back, isolate the problem to a component or assembly. 2. If DC voltages do not come back, replace the CPU board. E. Check for 120VAC at connector O on the CPU board. a. If voltage is present, replace the CPU board. F. Verify bed function and return to service.

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Problem / Failure	Recommended Action
No bed down motion	A. Enter diagnostics, (see Scale System Diagnostics and Calibration section) and press bed down. a. If motion is not present, verify the two wire connection is present on connector Z. 1. Test bed down motion, if motion is present then go to step D. b. If motion is present, re-burn lift potentiometer limits, see Lift Potentiometer "Burn-In" Procedure. B. Check for 5VDC on TP 9 (HL) and TP 7 (FL), reference ground test point while pushing the bed down button. a. If 5VDC is present, go to step C. b. If 5VDC is not present, replace CPU board. C. Check for 120VAC power on connector N (HL) and G (FL), pin 1 white and pin 3 black, of the CPU board, while pressing bed motion up. a. If voltage is not present, replace CPU board. b. If voltage is present: 1. Verify the motors are running, if so, replace lift couplers. 2. If motors are not running, check voltage at motor connection. 3. If voltage is present at motor, check capacitors or motors. D. Verify bed function and return to service.
No bed up motion	A. Enter diagnostics, (see Scale System Diagnostics and Calibration section) and press bed up. a. If motion is not present, got to step B. b. If motion is present, re-burn lift potentiometer limits, see Lift Potentiometer "Burn-In" Procedure. B. Check for 5VDC on TP 10 (HL) anf TP 8 (FL) on the CPU board, reference ground test point while pushing the bed up button. d. If 5VDC is present, go to step C. e. If 5VDC is not present, replace CPU board. C. Check for 120VAC power on connector N (HL) and G (FL), pin 1 white and pin 6 red, of the CPU board while pressing bed motion up. a. If voltage is not present, replace CPU board. b. If voltage is present: 1. Verify the motors are running, if so, replace lift couplers. 2. If motors are not running, check voltage at motor connection. 3. If voltage is present at motor, check capacitors or motors. D. Verify bed function and return to service.

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Problem / Failure	Recommended Action
No Fowler down motion	A. Check for 5VDC on TP4 on the CPU board, reference ground test point while pushing the fowler down button. a. If 5VDC is present, go to step B. b. If 5VDC is not present, replace CPU board. B. Check for 120 VAC on connector GG, Pin 1 (white) and pin3 (red), of the CPU board while pressing Fowler down. a. If voltage is not present, replace the CPU board b. If 5VDC is present, check the capacitor and motor. C. Verify bed function and return to service.
No Fowler up motion	A. Check for 5VDC on TP 3 on the CPU board, reference ground test point while pushing the fowler up button. a. If 5VDC is present, go to step B. b. If 5VDC is not present, replace CPU board. B. Check for 120VAC on connector GG, Pin 1 (white) and pin 2 (black), of the CPU board while pressing Fowler up. a. If voltage is not present, replace the CPU board b. If 5VDC is present, check the capacitor and motor. C. Verify bed function and return to service.
No Gatch up motion	A. Check for 5VDC on TP 6 on the CPU board, reference ground test point while pushing the gatch up button. a. If 5VDC is present, go to step B. b. If 5VDC is not present, replace CPU board. B. Check for 120VAC on connector CC, pin 1 (black) and pin3 (white), of the CPU board while pressing gatch up. a. If voltage is not present, replace the CPU board b. If 5VDC is present, check the capacitor and motor. C. Verify bed function and return to service.
No Gatch down motion	A. Check for 5VDC on TP 5 on the CPU board, reference ground test point while pushing the gatch down button. a. If 5VDC is present, go to step B. b. If 5VDC is not present, replace CPU board. B. Check for 120VAC power on connector CC, pin 2 (red) and pin 3 (white), of the CPU board while pressing gatch down. a. If voltage is not present, replace the CPU board. b. If 5VDC is present, check the capacitor and motor. C. Verify bed function and return to service.

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Optional ZOOM Troubleshooting Guide

This section of the troubleshooting guide includes the Zoom® self-propelled drive and the battery backup functions. When using this guide, assume the bed is functioning properly when powered by the AC line cord with the exception of the battery charging components.

Problem/Failure	Possible Cause	Recommended Action
On/Off switch is in the On position but the power LED is Off and the bed does not function.	No DC voltage from the batteries.	A. Check the circuit breakers at the head end of the bed. B. Verify the battery voltage is greater than 24VDC. C. Check the battery fuse - replace if necessary (2040-001-802). D. Check the cable connections from the batteries to the display board. E. Check the On/Off switch and cabling.
On/Off switch is in the on position, the power LED is on but the bed does not function.	Display board is not functioning or is locking out all functions.	A. Check the safety switches on the drive bar. B. Verify the battery voltage is greater than 24VDC. C. Verify the display board is functioning (see note below). D. Check all cable connections on the display and power boards.
On/Off switch is in the on position, the power LED is on, the Zoom® drive works but the battery backup does not work.	The thermostat on the inverter/ charger board has tripped, indicating a temperature above 110˚ C (230˚ F).	A. Wait approximately 3-5 minutes to allow the inverter/ changer board to cool down.
The Zoom® drive does not work - the bed does not drive - but all other functions are working.	Zoom® drive circuitry is not responding.	A. Verify the display board is functioning (see note below). B. Perform the "Zoom® Option Control Bar Potentiometer 'Burn-In' Procedure". C. Check the control bar potentiometer. When the bar is centered, there should be 2.25VDC - 2.75VDC between pin 1 and pin 2 on header 1 on the display/ CPU board (see "Zoom® Option Display/CPU Board - 2040-031-900) D. Check all cable connections on the display and power boards. E. Verify the power board is functioning. F. Verify the drive wheel is functioning.
The Zoom® drive does work - the bed will drive - but all other bed functions are not working.	No AC power from the Zoom® base.	A. Check AC voltage coming out of the inverter. Itshould be 120VAC between pin 1 and pin 4 on head-er 5 on the AC crossover board (see page 52) B. Check all cable connections from the batteriesto the converter. C. Check the AC crossover board.
The bed power cord is plugged in but the battery does not charge	The battery charger is not functioning.	A. Check the circuit breakers on the litter. B. Check the battery charger. C. Check all cable connections on the charger.

Note

The display board will display the state of battery charge when the bed is first powered using the On/Off switch:

Three LED's flash = 66% - 100% charged

Two LED's flash = 33% - 66% charged

One LED flashes = less than 33% charged

No LED's flash = No significant charge remaining.

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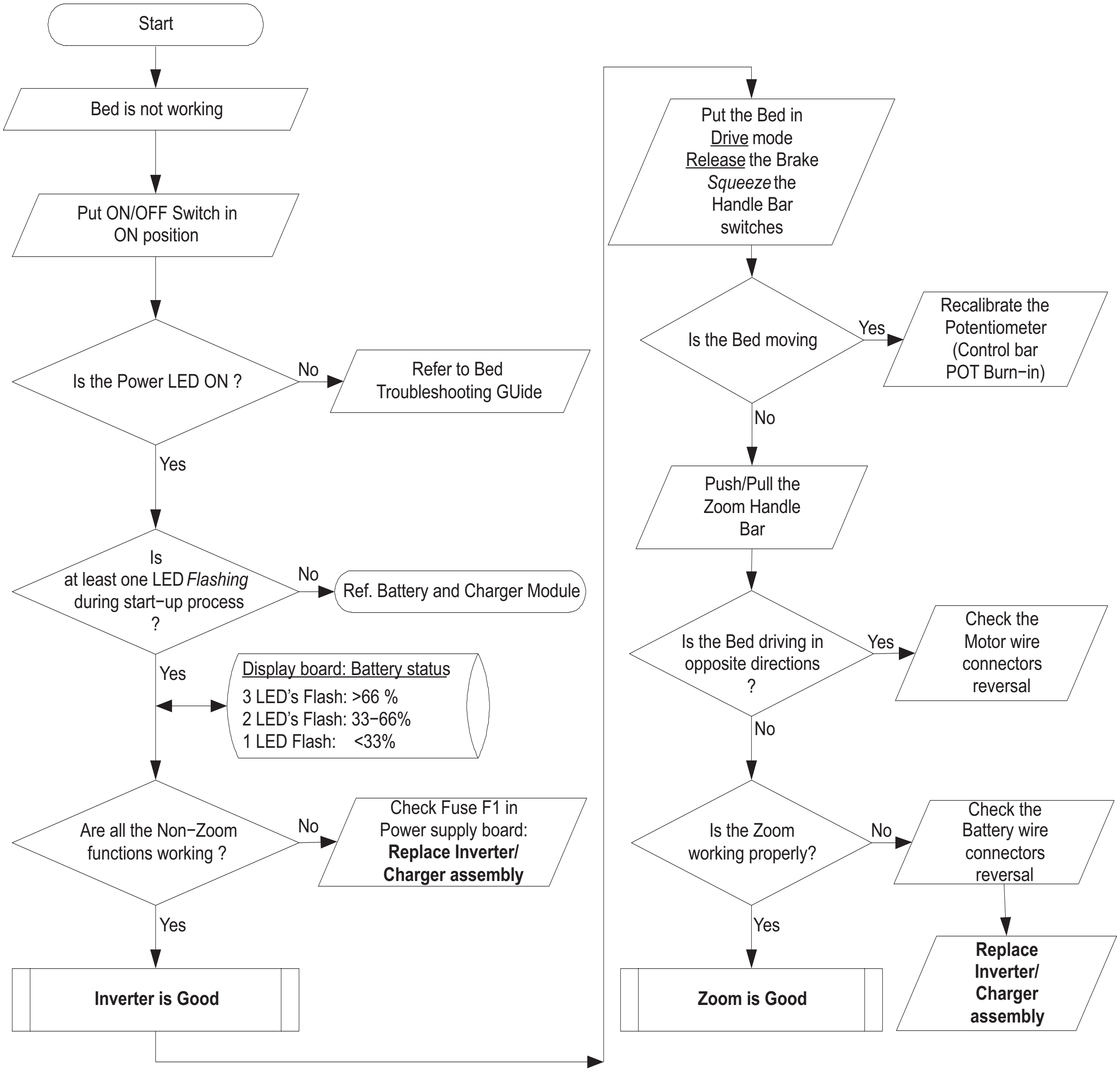
Optional Zoom® Inverter/Charger, Battery Troubleshooting


Start
Bed is not working
Put ON/OFF Switch in ON position
Is the Power LED ON ?
No
Refer to Bed Troubleshooting GUide
Yes
Is at least one LED *Flashing* during start−up process ?
No
Ref. Battery and Charger Module
Yes
Display board: Battery status
3 LED's Flash: >66 %
2 LED's Flash: 33−66%
1 LED Flash: <33%
Are all the Non−Zoom functions working ?
No
Check Fuse F1 in Power supply board: **Replace Inverter/ Charger assembly**
Yes
Inverter is Good
Put the Bed in Drive mode Release the Brake *Squeeze* the Handle Bar switches
Is the Bed moving
Yes
Recalibrate the Potentiometer (Control bar POT Burn−in)
No
Push/Pull the Zoom Handle Bar
Is the Bed driving in opposite directions ?
Yes
Check the Motor wire connectors reversal
No
Is the Zoom working properly?
No
Check the Battery wire connectors reversal
Replace Inverter/ Charger assembly
Yes
Zoom is Good

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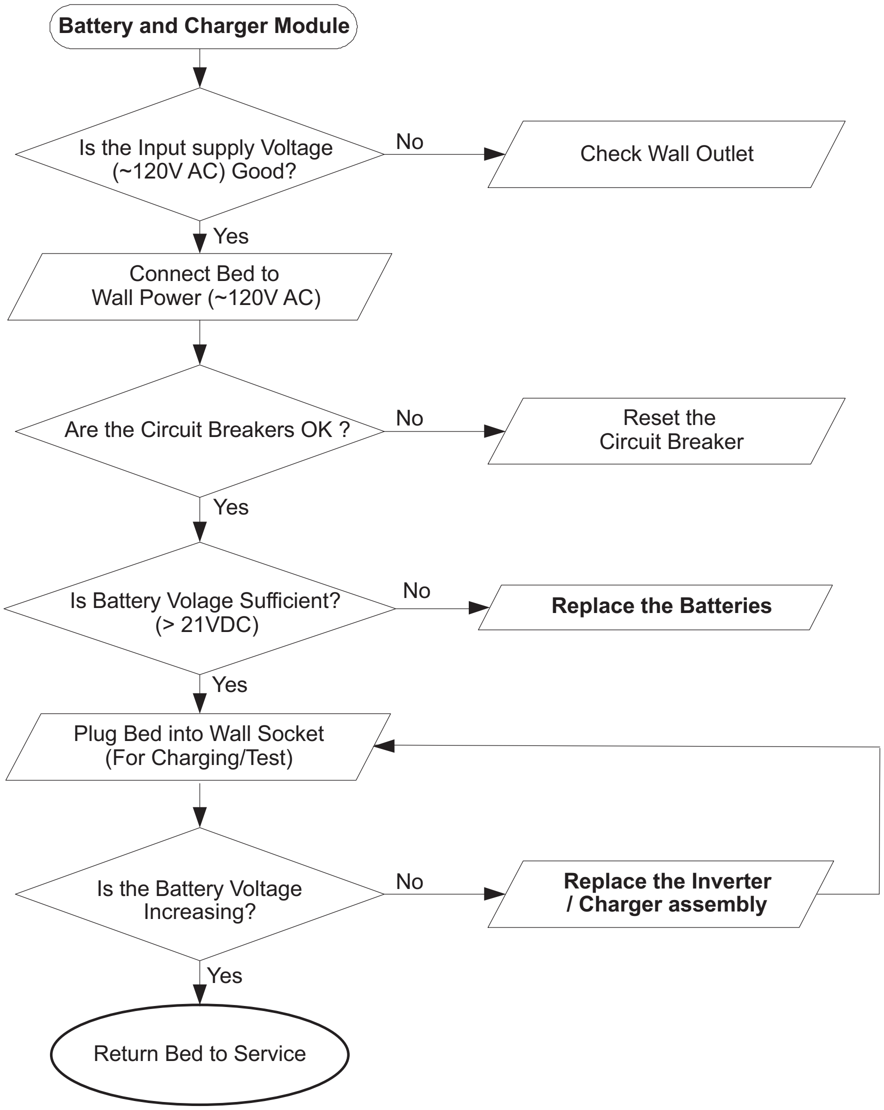
Optional Zoom® Inverter/Charger, Battery Troubleshooting


Battery and Charger Module
Is the Input supply Voltage (~120V AC) Good?
No
Check Wall Outlet
Yes
Connect Bed to Wall Power (~120V AC)
Are the Circuit Breakers OK ?
No
Reset the Circuit Breaker
Yes
Is Battery Volage Sufficient? (> 21VDC)
No
Replace the Batteries
Yes
Plug Bed into Wall Socket (For Charging/Test)
Is the Battery Voltage Increasing?
No
Replace the Inverter / Charger assembly
Yes
Return Bed to Service

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Quick Reference Replacement Parts List

Note

The parts and accessories listed on this page are all currently available for purchase. ome of the parts identified on the assembly drawing parts in this manual may not be individually available for purchase. Please call Stryker Customer Service USA: 1-800-327-0770 (Option 2), Canada: 1-888-233-6888 for availability and pricing.

Part Name	Part Number
Electrical Components	
Foot Board Keyboard (S/R Lights, Lockouts, etc.)	3001-500-028
Foot Board Scale Display	3002-507-900
Foot Board Scale Keyboard	3002-507-910
Foot Board Bed Exit Keyboard	3001-508-900
CPU Board	3002-407-950
Power Supply	0059-157-000
Siderail Board, Inside	3001-400-930
Siderail Board, Outside	3001-400-910
Siderail Speaker with Cable	3000-403-831
Night Light Circuit Board	3002-310-900
Other Components	
Beeper Kit, Bed Exit, Low Sounding	3002-700-029
Beeper Kit, Bed Exit, High Sounding	3002-700-030
Capacitor, Fowler	0059-780-000
Capacitor, Fowler, 230V	3221-300-453
Capacitor, Gatch	0059-779-000
Capacitor, Gatch, 230V	0059-153-000
Capacitor, Lift	0059-778-000
Capacitor, Lift, 230V	3221-200-243
Caster, 6”	3001-200-060
Caster, Steer, 6”	3001-200-050
Caster, 8”, Optional	3001-200-090
Caster, Steer, 8”, Optional	3001-200-080
Coil Cord, Lift Power	3001-200-824
Coil Cord, Lift Sensor	3001-200-815
Coil Cord, Litter Power	3001-300-844
Coil Cord, Litter Signal	3001-300-846
Fowler Brake Kit	3001-300-775
Load Cell	3002-307-057

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Quick Reference Replacement Parts List

Part Name	Part Number
Motor Coupler Kit, Lift	3000-200-725
Motor, Fowler with Clutch	3001-300-705
Motor, Fowler with Clutch, Short Bed	3001-342-705
Motor, Fowler with Clutch, 230V	3221-300-705
Motor, Gatch	2025-232-070
Motor Gatch, 230V	2026-232-070
Motor, Lift (Same for Head and Foot End)	3000-200-213
Motor, Lift, 230V (Same for Head and Foot End)	3221-200-213
Paint, Touch-Up, Opal, Bottle with Brush	7000-001-321
Paint, Touch-Up, Opal, Spray Can	7000-001-318
Potentiometer, Foot End	3001-200-230
Potentiometer, Head End	3001-200-240
Power Cord	3002-700-049
Single Tube of Grease	3000-200-700
Head/Foot Board “C” Bumper Adhesive	0072-002-071
Zoom® Option Components	
Drive Potentiometer with Cable	2040-031-804
Drive Wheel Motor	3002-001-072
On/Off Switch	0059-191-000
Transformer	3002-001-010
Zoom® Inverter/Charger Board	3002-001-030
Zoom® Display/CPU Board	2040-031-910
Zoom® AC Crossover Board	2040-031-900

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BRAKE PEDAL REPLACEMENT

TOOLS REQUIRED:

- 5/16” Hex Allen Wrench
- Torque Wrench
- Loctite 242
- Hammer
- Punch
- #2 Phillips Screwdriver

PROCEDURE:

1. Unplug the bed power cord from the wall socket.
2. Using a #2 Phillips screwdriver, remove the three screws holding both the head end and the foot end upper lift covers. If desired, hold the covers out of the way by using bungee cords (or the equivalent) to secure them to the litter top.
3. Using a 5/16” hex Allen wrench, remove the two bolts holding the brake pedal to the brake rod.
4. Using a hammer and punch, remove the roll pins holding the brake shaft crank to the brake rod on both the head and the foot end.
5. Push the brake rod through the frame until the brake pedal is clear. Remove the brake pedal.
6. Reverse the above steps to attach the new brake pedal.

Note

Use Loctite 242 when reinstalling the bolts and torque the bolts to 25 foot-pounds.

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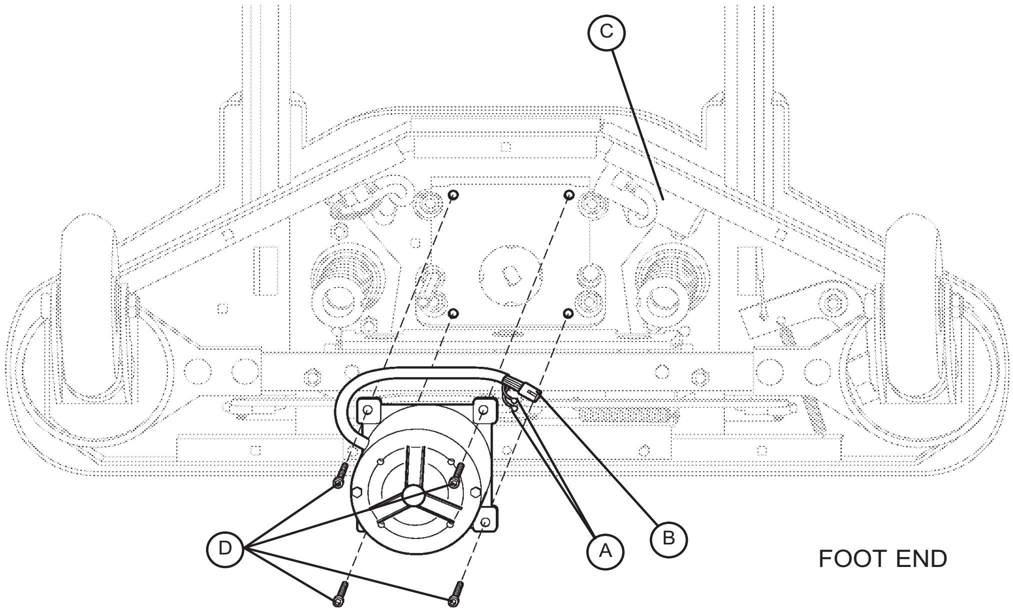
LIFT MOTOR AND CAPACITOR REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- 3/8” Socket Wrench w/Extension
- 5/16” Socket Wrench
- Floor Jack
- Side Cutters
- 7/16” Open End Wrench
- 2x4 (or Equivalent)



PROCEDURE:

Note

If you need more space to work under the base frame, place a 2x4 across the base frame rails and use a floor jack to raise the base frame off the floor.

1. Unplug the bed power cord from the wall socket. Using a 5/16” socket wrench, remove the five bolts holding the lower lift cover to the base and remove the cover.
2. Disconnect the two connectors (A) at the motor capacitor.
3. Disconnect the white connector (B) from the power cord.
4. Using side cutters, cut the cable ties holding the capacitor (C) to the base and remove the capacitor.
5. Using a 3/8” socket wrench, remove the four screws (D) holding the motor assembly in the lift housing and remove the motor assembly.
6. Reverse the above steps to install the new motor.

Note

The drive shaft on the new motor probably will have to be turned to be aligned with the coupler. Use a 7/16”open end wrench to turn the drive shaft of the motor.

The procedure for lift motor and capacitor removal and replacement is the same for both ends of the bed.

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LIFT HOUSING REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- #2 Phillips Screwdriver
- Bungee Cord (or equivalent)
- 5/16” Socket Wrench
- Side Cutters
- 9/16” Socket Wrench
- 5/16” Nut Driver
- 7/32” Hex Allen Socket Wrench
- Sawhorses (or equivalent)
- T27 Torx
- 3/8” Socket Wrench (with approximately 6” extension)

PROCEDURE:

1. Unplug the bed power cord from the wall socket.
2. Using a 5/16” socket wrench, remove the five bolts holding the lower lift cover to the base and remove the cover.
3. Using a #2 Phillips screwdriver, remove the three screws holding the upper lift cover to the base.
4. If you are working on the foot end of the bed, use a T27 Torx to remove the screw holding the litter access panel to the litter.
5. Remove the lift motor and capacitor (refer to procedure “Lift Motor and Capacitor Removal and Replacement”).
6. Remove lift potentiometer (refer to procedure “Lift Potentiometer Replacement and Adjustment”).
7. Using a 5/16” socket wrench, remove the cable clamps holding the power and sensor coil cords on top of the lift housing assembly. Cut the cable ties and disconnect the coil cords from under the lift housing. The power and sensor coil cords are now free of the lift housing assembly. Drape them up out of the way.
8. Using a 7/32” hex Allen socket, remove the two screws (A) holding the lift screws to the header crossbar plate.

⚠ CAUTION

The bed litter retracts on rollers. Secure it to prevent it from rolling while the procedure is being done.

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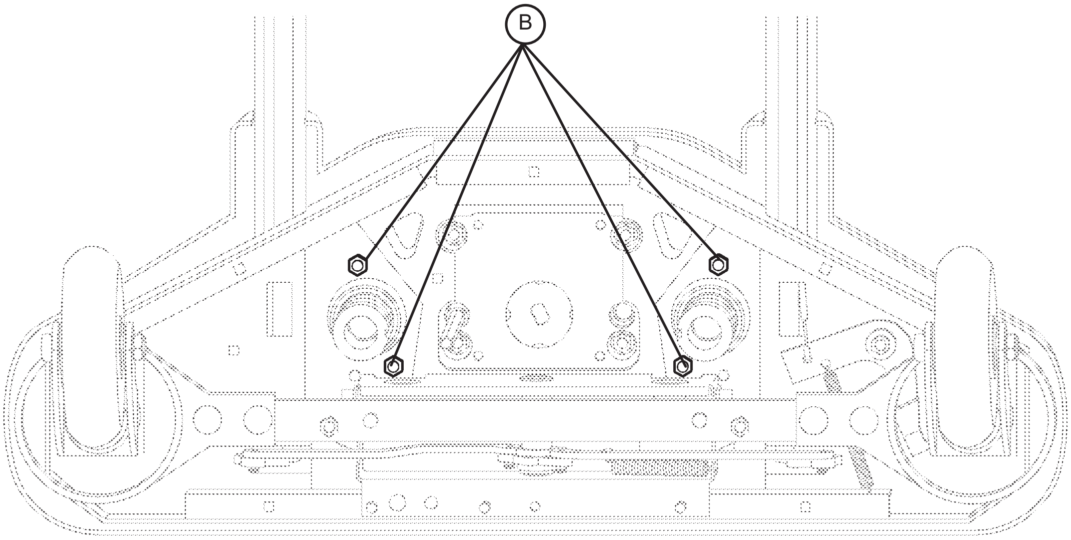
LIFT HOUSING REMOVAL AND REPLACEMENT (CONTINUED)



FOOT END – BOTTOM VIEW

9. Lift the litter top up and support it about 6” above the lift screws with sawhorses or the equivalent.
10. Under the base, using a 9/16” socket, remove the four nuts (B) holding the lift housing to the base.
11. Lift up and out on the lift housing assembly to remove it from the base.

CAUTION

See “Power and Sensor Coil Cord Replacement” section for proper reattachment procedure for power and sensor coil cords and “Lift Potentiometer Replacement and Adjustment” for reattachment of the lift potentiometer.

12. Reverse the above steps to reinstall the lift housing assembly after service is completed.

Note

The procedure for lift housing removal and replacement is the same for both ends of the bed.

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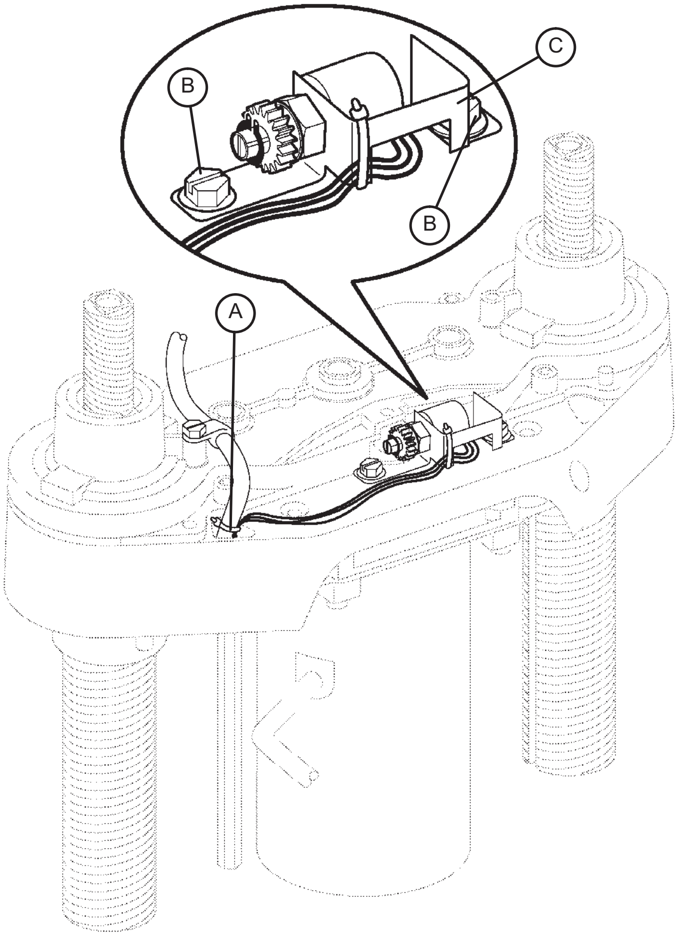
LIFT POTENTIOMETER REPLACEMENT AND ADJUSTMENT

REQUIRED TOOLS

- #2 Phillips Screwdriver
- Bungee Cord (or equivalent)
- 5/16” Socket Wrench
- 3/8” Open End Wrench
- Side Cutters



PROCEDURE:

1. Unplug the bed power cord from the wall socket.
2. Using a 5/16” socket wrench, remove the five bolts holding the lower lift cover to the base and remove the cover.
3. Using a #2 Phillips screwdriver, remove the three screws holding the upper lift cover to the base.
4. Using side cutters, cut the cable tie (A) holding the potentiometer cable to the coil cord.
5. Unplug the potentiometer cable from the sensor coil cord. If replacing a potentiometer at the head end of the bed, unplug the cables attached to the brake sensor switch.
6. Pull the potentiometer cable up through the base.
7. Using a 3/8” open end wrench, remove the two bolts (B) holding the potentiometer housing (C) to the lift housing.
8. Lift up and out on the potentiometer housing assembly to remove it from the lift housing.
9. Before installing the new potentiometer on the bed, turn it clockwise until it stops. Turn it back counterclockwise two full (360) revolutions. This allows a “window” position for proper upper and lower limits.

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LIFT POTENTIOMETER REPLACEMENT AND ADJUSTMENT (CONTINUED)

10. Reverse steps 4-8 to install the new potentiometer and potentiometer housing assembly.
11. After installing the new potentiometer, the "burn-in" procedure below must be followed.

Note

Be sure to maintain the potentiometer position while installing.

LIFT POTENTIOMETER "BURN-IN" PROCEDURE

1. Unplug the bed power cord from the wall socket.
2. On the foot board control panel, hold down the Siderail Control Lights, Head Lockout, and Up/Down Lockout buttons simultaneously.
3. While holding down the above three buttons, plug the power cord into the wall socket. The Lights button on the foot board control panel should flash, indicating the bed is in the diagnostics mode.
4. On a bed without the Zoom® power drive option, run both ends of the bed full down to a "hard stop". On a bed with the Zoom® option, run both ends of the bed full up to a "hard stop".
5. Hold down the Bed Motion Lock button until the light flashes.
6. Release the button and unplug the power cord from the wall socket.
7. Plug the power cord back in to the wall socket. Run the bed to full up, then full down to verify the bed limits.
8. The distance between the floor and the top of the litter seat section on a standard Secure bed (without a mattress) should be 16" - 16 3/8" with the litter fully down and 29 1/4" - 29 7/8" with the litter fully up.
   The distance between the floor and the top of the litter seat section on a Secure Zoom® bed (without a mattress) should be 19.5" with the litter fully down and 30" - 30 1/4" with the litter fully up. The distance between the floor and the top of the litter seat section on a Secure short bed with Zoom® (without a mattress) should be 20.5" with the litter fully down and 30" - 30 1/4" with the litter fully up.

Note

These values are for beds equipped with 6" casters. Add 2" to both measurements for beds equipped with 8" casters.

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LIFT MOTOR ISOLATION PLATE REPLACEMENT

TOOLS REQUIRED:

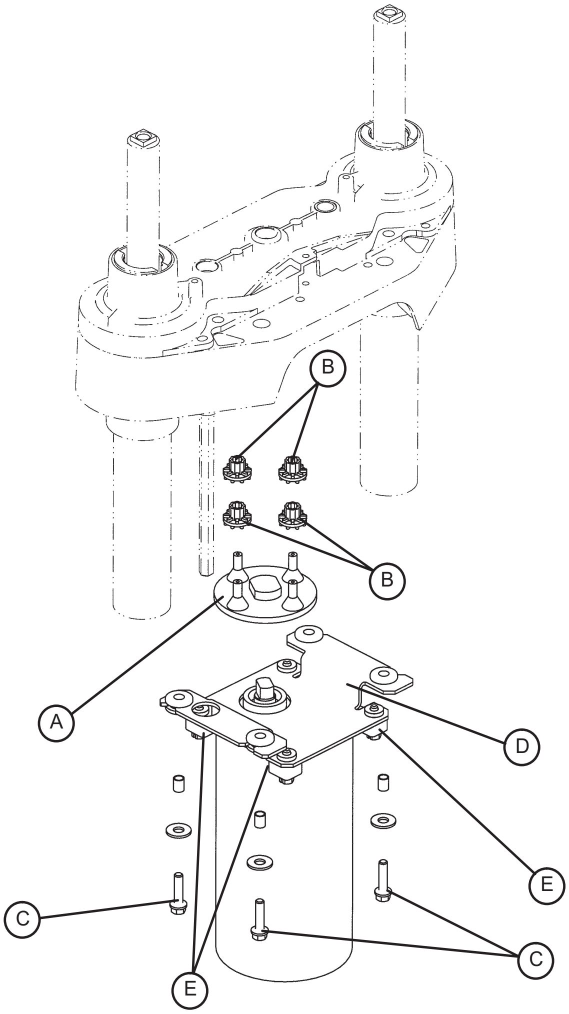
- 7/16” Open End Wrench
- 5/16” Nut Driver or 5/16” Socket Wrench
- 3/8” Socket Wrench (with 6” ext.)

PROCEDURE:

1. Unplug the bed power cord from the wall socket.
2. Using a 5/16” socket wrench, remove the five bolts securing the lower lift cover and remove the cover.
3. Using a 3/8” socket with a 6” extension, remove the four bolts (C) holding the lift motor isolation plate tothe lift housing and carefully lower the isolation plate to the floor.
4. Remove the motor coupler (A) and bushings (B).
5. Using a 3/8” socket, remove the bolts and washers (E) from the motor and remove the isolation plate (D).
6. Reverse the above steps to install the new isolation plate and reattach all components to the bed.

Note

When reinstalling the lift motor, the drive shaft on the motor will have to be turned to be aligned with the coupler. Use a 7/16” open end wrench to turn the drive shaft of the motor.



LIFT MOTOR COUPLER REPLACEMENT

TOOLS REQUIRED:

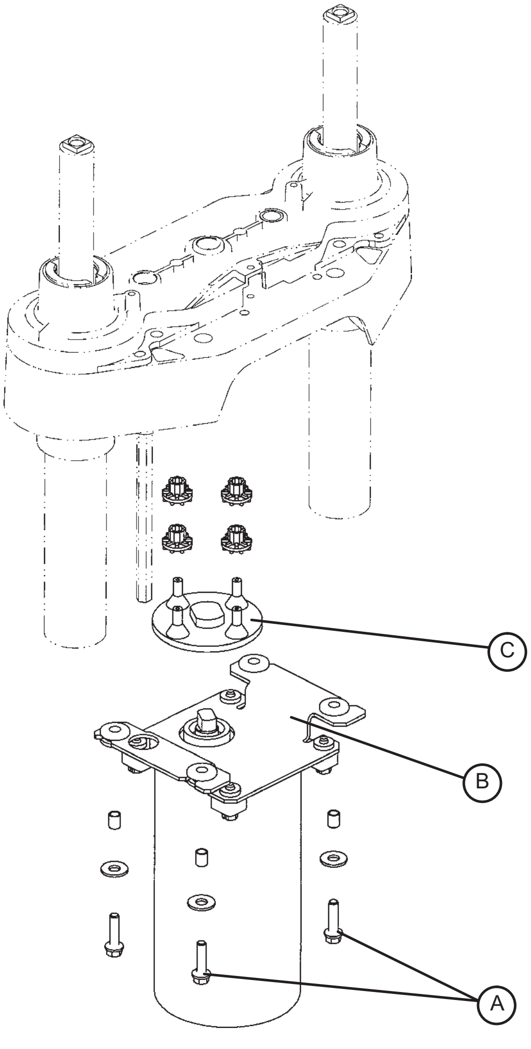
- 5/16” Socket Wrench
- 3/8” Socket Wrench (with 6” Extension)
- Floor Jack
- 2x4 (or equivalent)

PROCEDURE:

Note

If you need more space to work under the base frame, place a 2x4 across the base frame rails and use a floor jack to raise the base frame off the floor.

1. Unplug the bed power cord from the wall socket.
2. Using a 5/16” socket wrench, remove the five bolts holding the lower lift cover to the base and remove the cover.
3. Using a 3/8” socket with an extension, remove the four bolts (A) holding the isolation plate (B) to the lift housing and lower the lift motor and isolation plate assembly to allow access to the coupler (C).
4. The motor coupler can now be removed from the lift housing.
5. Reverse the above steps to install the new motor coupler and bushings.



POWER AND SENSOR COIL CORD REPLACEMENT

TOOLS REQUIRED:

- #2 Phillips Screwdriver
- Side Cutters
- 5/16” Socket Wrench
- Bungee Cord (or equivalent)
- 5/16” Nut Driver
- Floor Jack
- 2x4 (or equivalent)

PROCEDURE:

Note

If you need more space to work under the base frame, place a 2x4 across the base frame rails and use a floor jack to raise the base frame off the floor.

1. Unplug the bed power cord from the wall socket.
2. Using a 5/16” socket wrench, remove the five bolts holding the lower lift cover to the base and remove the cover.
3. Using a #2 Phillips screwdriver, remove the three screws holding the upper lift cover to the base. If you want, hold the covers out of the way by using bungee cords (or the equivalent) to secure them to the litter top.
4. Using side cutters, cut the cable ties holding the power and sensor coil cords to the base. Remove the ground wire coming from the sensor cord that is attached to the base (note the star washer arrangement).
5. Disconnect the cables going to the motor and the lift potentiometer (at the head end, the sensor cord is also attached to the brake switch sensor).
6. Pull both cords up through the frame of the bed and the lift housing.
7. Using a 5/16” socket wrench, remove the two screws (A) holding the cable clamps* to the top of the lif housing.
8. Using a 5/16” socket wrench, remove the two screws (B) securing the cable clamps* to the underside of the header crossbar assembly.
9. Pull both coil cords up through the header crossbar assembly.
10. Disconnect the power and sensor coil cords from the connectors.
11. The cords should now be completely removed from the bed. Reverse the above steps to install the new power and sensor cords.*

CAUTION

* When replacing the power and sensor coil cords, secure the cable clamps to the cords at the first coil both on the top and on the bottom to ensure there is not too much slack in the cords between the top of the lift housing assembly and the bottom of the header crossbar. Be sure the clamps are fastened at exactly the correct angle, as shown by the arrows in the illustration. Arrange the cords exactly as shown in the illustration (left in front of right). **If this is not done correctly, damage to the cords will result.**

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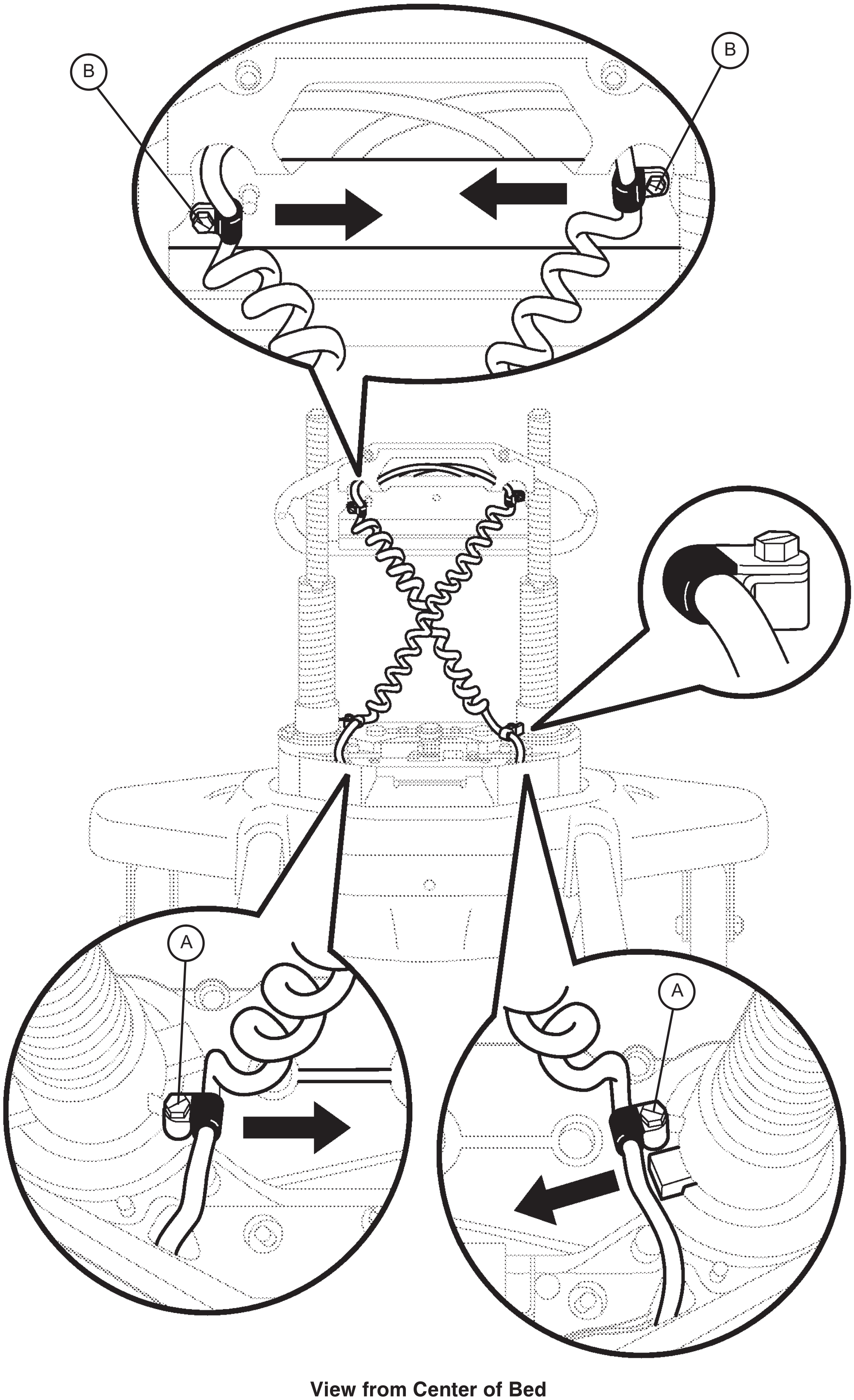
POWER AND SENSOR COIL CORD REPLACEMENT ILLUSTRATION

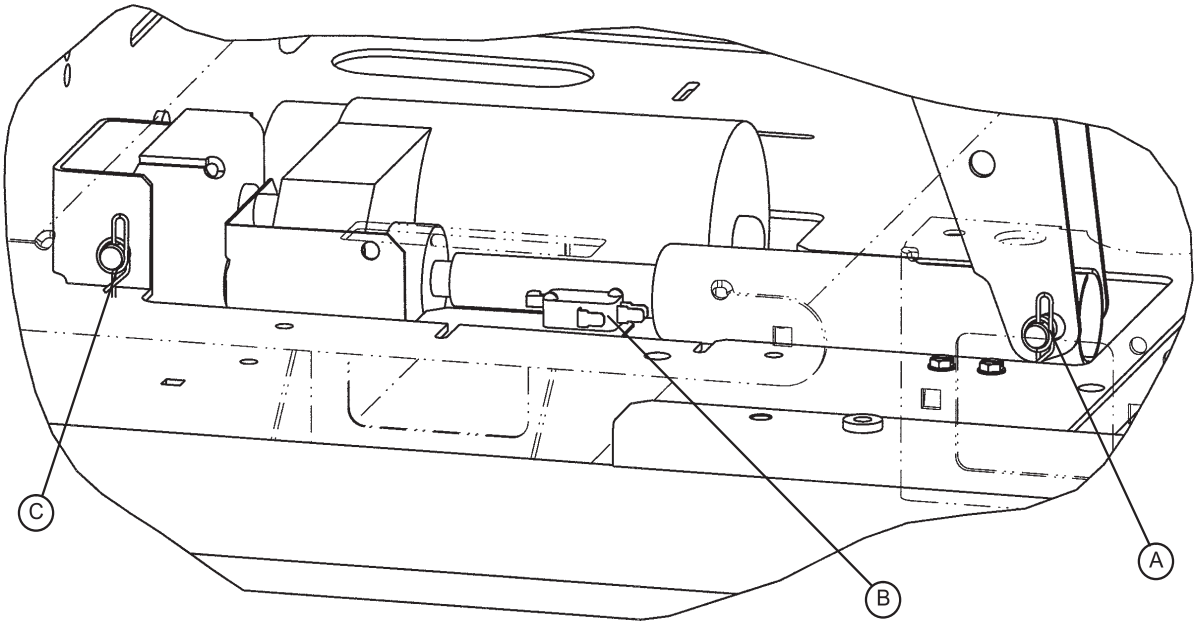


View from Center of Bed

KNEE MOTOR REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- T27 Torx
- Needle Nose Pliers
- 3/8” Socket Wrench
- Wire Cutters



PROCEDURE:

1. Electrically run the litter fully up. Unplug the bed power cord from the wall receptacle.
2. Using a 3/8” socket wrench, remove the two bolts holding the motion interrupt pan to the litter frame and remove the pan.
3. Using needle nose pliers, remove the Rue pin (A) from the end of the drive tube.
4. Fold the Gatch section back toward the head end of the bed. Using a T27 Torx, remove the screw holding the mid-litter cover to the litter frame and remove the cover.
5. Remove the two wires from the auto contour micro switch (B) mounted next to the drive tube.
6. Using wire cutters, remove the cable ties. Disconnect the motor and capacitor wires.
7. Using needle nosed pliers, remove the Rue pin (C) from the motor bracket and lift the motor out.
8. Using a 3/8” socket wrench, remove the four bolts holding the motor bracket to the old motor. Remove the bracket and install it on the replacement motor using the same four bolts.
9. Install the replacement motor into the bed. Do not hook up the drive tube to the Gatch section yet.
10. Plug the bed power cord into a properly grounded wall receptacle. Using the button on the foot board or siderail, run the Gatch motor down until it stops.
11. Reinstall the mid-litter cover.
12. Fold the Gatch section back down. From underneath the bed, manually turn the drive tube in or out until it lines up with the hole in the Gatch section. Reinstall the pin, the wires for the auto contour switch, and the motion interrupt pan.
13. Test the bed for proper operation before returning it to service.

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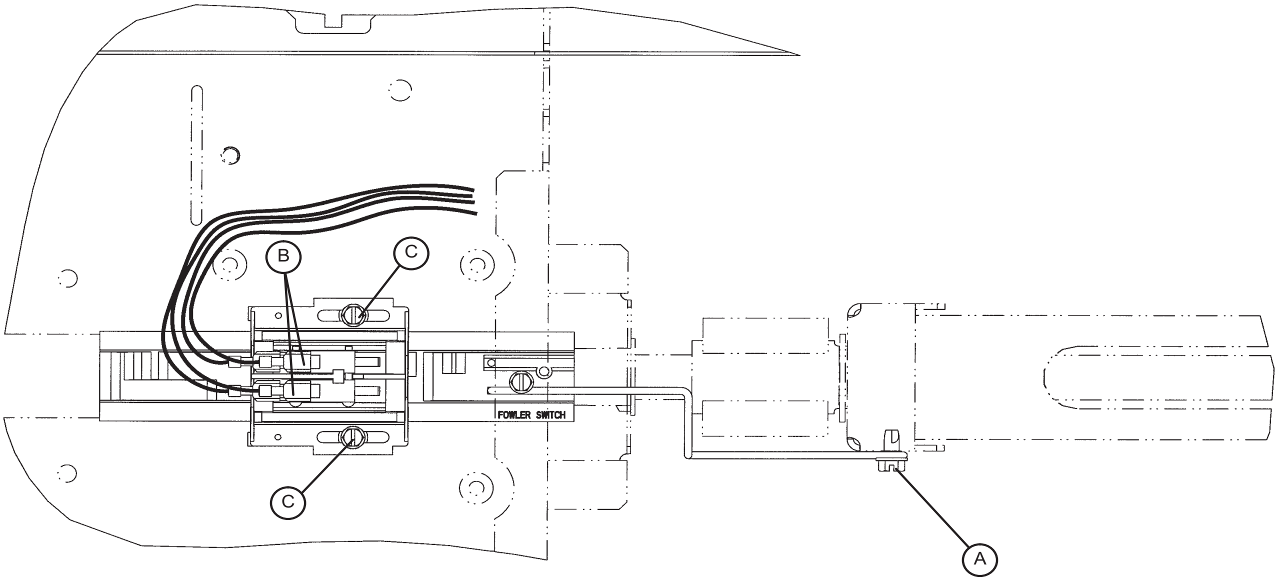
HEAD MOTOR CAM AND CAM GUIDE REPLACEMENT

TOOLS REQUIRED:

- 5/16” Nut Driver
- 3/8” Socket Wrench
- T27 Torx



PROCEDURE:

1. Run the Knee Gatch fully up. Unplug the bed power cord from the wall socket.
2. Using a T27 Torx, remove the screw holding the foot end litter cover to the frame and remove the cover.
3. Using a 3/8” socket wrench, remove the two bolts holding the motion interrupt pan to the litter and remove the pan.
4. Using a 5/16” nut driver, remove the screw (A) holding the cam retention wire to the ball nut assembly.
5. Disconnect the cables (B) from the micro-switches. Take note of the locations of the cables so they will be connected properly to the replacement cam.
6. Using a 5/16” nut driver, remove the two screws (C) holding the cam and cam guide to the support bracket and remove the cam and cam guide with the attached micro-switches from the bed.
7. Reverse the above steps to install the replacement cam and cam guide/micro switch assembly.
8. Refer to “Limit Setting - Head Motor” section.

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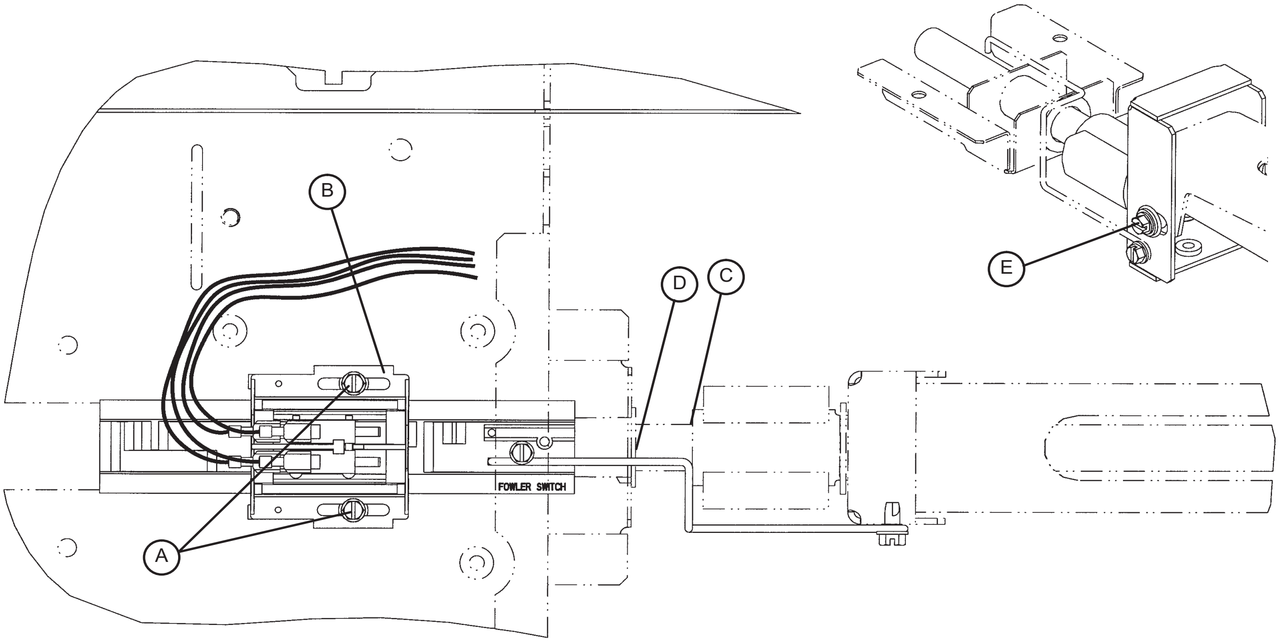
LIMIT SETTING - HEAD MOTOR

TOOLS REQUIRED:

- 5/16” Nut Driver
- T27 Torx



PROCEDURE:

1. Run the Knee Gatch fully up.
2. Using a T27 Torx, remove the screw holding the midsection litter access covers to the litter and remove the covers.
3. Run the head section down electrically until flat (0) or use the CPR release handle to fully lower the head.
4. Lightly tap the Fowler down button until the bolt and bushing (E) are centered in the slot.
5. Unplug the power cord from the wall socket.
6. Using a 5/16” nut driver, loosen the two screws (A) on the cam (B).
7. Slide the cam toward the head of the bed just until the micro-switch is activated (the switch will make a clicking noise).

Note

Check that the cam “bump” is on the “head” side of the switch actuator.

8. Tighten the two screws (A).

CAUTION

Be sure the head section stops when it is fully up and the ball nut bracket (C) is approximately 3/4” from panel (D). If not, damage to the unit could result.

9. Ensure the head section will lower to flat (0) before returning the bed to service. Verify the head section lowers onto the rubber rests and the motor stops running. Reinstall the litter access panels removed in step 1.

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HEAD MOTOR REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- 3/8” Socket Wrench

PROCEDURE:

WARNING

The head motor is not grounded and may be an electrical hazard. Use caution when working around motors.

1. Using the CPR release, lower the Fowler to flat (0).
2. Unplug the bed power cord from the wall socket.
3. Using a 3/8” socket wrench, remove the two bolts at the foot end of the motion interrupt pan and remove the pan.
4. Using a 3/8” socket wrench, remove the two bolts holding the motor bracket to the bed frame. Remove the motor.

Note

Use caution when removing the motor to avoid having the coupler come off the ball screw shaft.

5. Unplug the head motor cables from the bed and capacitor.

Note

The replacement motor will come with the attached CPR clutch. The mounting bracket will be re-used with the replacement motor.

6. Reverse the above steps to install the new motor assembly and reattach all litter panels.

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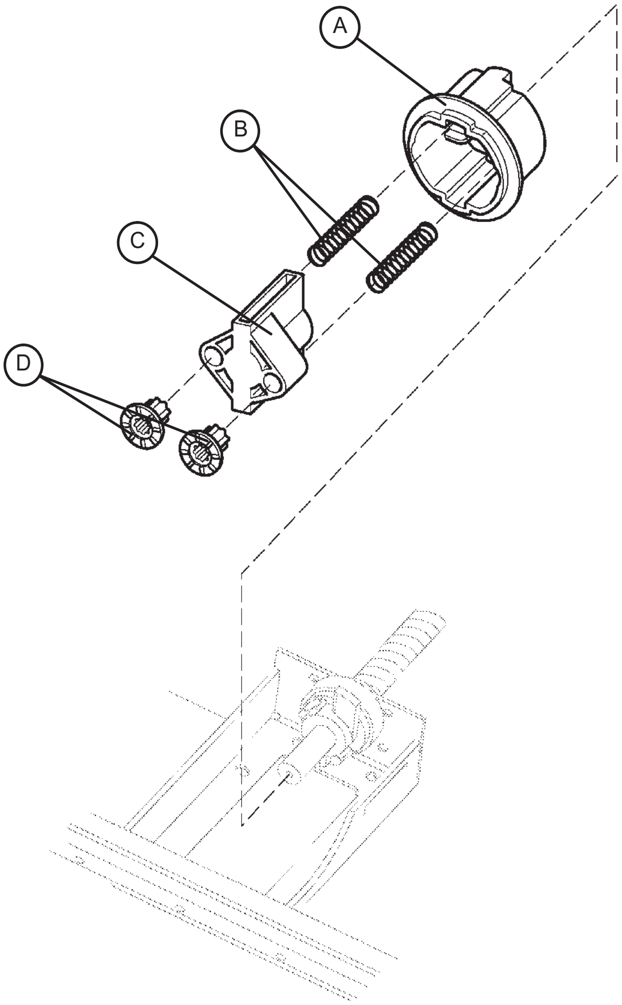
HEAD MOTOR DRIVE ISOLATOR AND CPR DECOUPLER REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- 3/8” Socket Wrench
- Needle Nose Pliers

PROCEDURE:

1. Refer to the “Head Motor Removal and Replacement” procedure to access the isolator, springs and decoupler.
2. Pull the drive isolator (C) with the bushings (D), springs (B) and CPR decoupler (A) off the drive screw and remove it from the litter.



Note

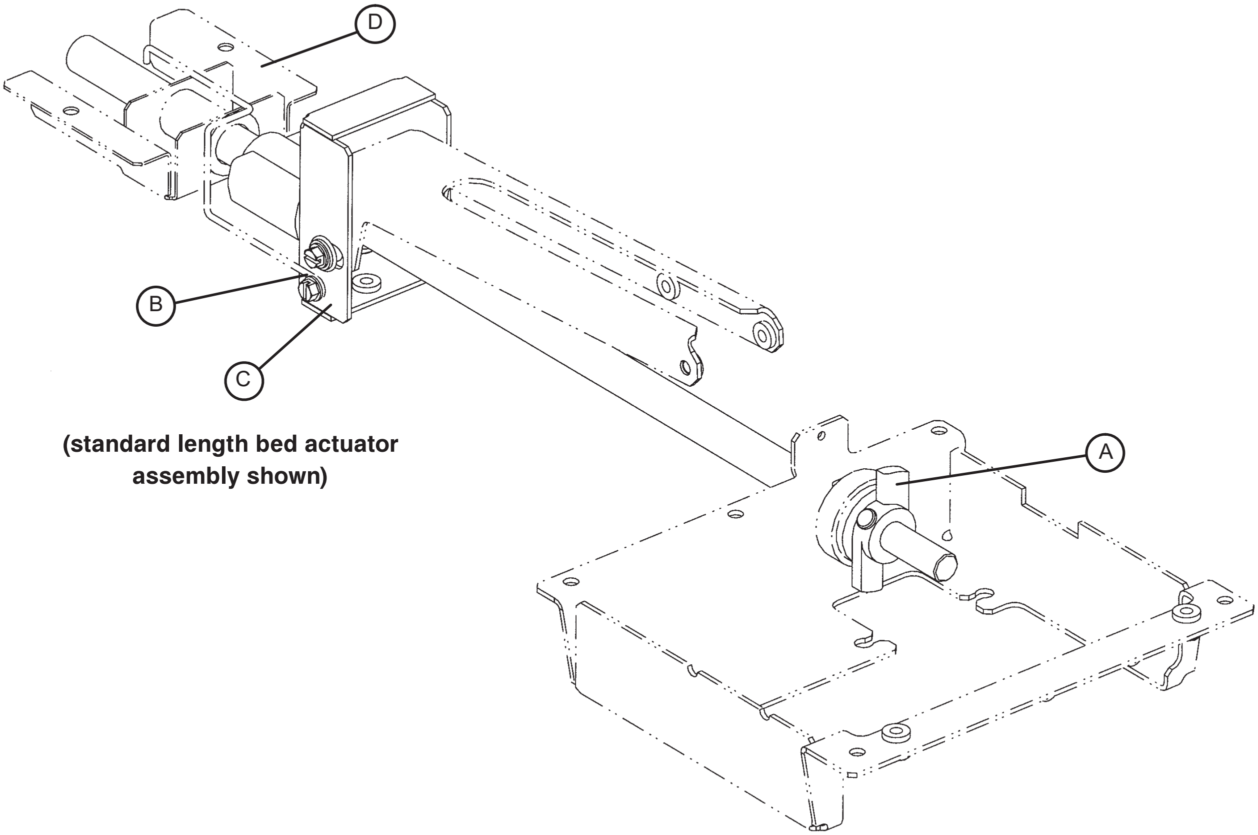
These parts are spring-loaded. Use caution when removing them so they will not drop to the floor.

3. To reinstall, put the decoupler (A) on the shaft.
4. Using needle nose pliers, bend the end of the springs (B) out slightly to help hold the springs in the isolator. Put the springs in the isolator and install it on the shaft.
5. Reinstall the head motor (see “Head Motor Removal and Replacement” section).
6. Run the Fowler up and down several times to test it before returning the bed to service.

HEAD MOTOR DRIVE SCREW AND BALL NUT REPLACEMENT

TOOLS REQUIRED:

- Large Snap-Ring Pliers
- 3/8” Socket Wrench



(standard length bed actuator assembly shown)

PROCEDURE:

1. Run the bed fully up. Unplug the bed power cord from the wall socket.
2. Using a 3/8” socket wrench, remove the two bolts holding the motion interrupt pan to the litter and remove the pan.
3. Remove the head motor (see “Head Motor Removal and Replacement” section) for access to the screw and ball nut.
4. Remove the head motor drive isolator and CPR decoupler (see “Head Motor Drive Isolator and CPR Decoupler Removal and Replacement” section).
5. Using needle nose pliers, remove the cotter pin holding the clevis pin to the drive screw “wing” (A).
6. Remove the clevis pin and slide the wing and tapered roller bearing off the drive screw.
7. Using a 3/8” socket wrench underneath the litter, remove the screw holding the cam retention wire (B) to the ball nut assembly.
8. Using a 3/8” socket wrench, remove the two bolts holding the ball screw support bracket (D) to the bottom of the litter and remove the bracket.
9. Using large snap ring pliers, remove the snap ring holding the ball nut to the bracket (C).
10. To prevent the ball nut from coming off the drive screw, cable tie both ends of the ball nut to the drive screw.
11. Pull the drive screw toward the foot of the bed and remove the head end of the drive screw and ball nut assembly from the support.

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HEAD MOTOR DRIVE SCREW AND BALL NUT REPLACEMENT (CONTINUED)

Note

Do not allow the ball nut assembly to come off the drive screw. The ball nut will be shipped attached to the drive screw and retained in position during shipment. Remove the restraining straps after installing the drive screw and nut.

12. Remove the thrust washers and bearing from the head end of the drive screw and set them aside.
13. Reverse the above steps to install the replacement drive screw and ball nut assembly.

Note

Apply grease to all bearing areas.

⚠ CAUTION

Verify the head motor stops properly at both upper and lower electric limits. If it does not, refer to “Limit Setting - Head Motor”.

HEAD MOTOR BRAKE/CLUTCH REPLACEMENT

REQUIRED TOOLS:

- 3/8” Socket Wrench
- Snap Ring Pliers
- 9/16” Socket Wrench
- 9/16” Box End Wrench
- Wire Cutters

PROCEDURE:

1. Remove the head motor (see”Head Motor Removal and Replacement” section).
2. Using snap ring pliers, remove the snap ring from the motor shaft.

⚠ CAUTION

The brake/clutch is spring-loaded. Use caution when removing the snap ring so the parts do not drop to the floor.

3. Remove the old brake/clutch from the motor and discard it.
4. Using a 9/16” socket wrench and a 9/16” box end wrench, remove the nut, bolt and washers from the new brake/clutch.
5. Install the new brake/clutch onto the motor. It may be necessary to turn the motor shaft to line up the key way with the brake/clutch.
6. Using the snap ring pliers, install the new snap ring.
7. Using the wire cutters, remove the two wire ties from the new brake/clutch.
8. Reinstall the head motor (see “Head Motor Removal and Replacement” section)
9. Test the bed for proper operation before returning it to service.

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OPTIONAL SCALE SYSTEM DIAGNOSTICS AND CALIBRATION

Diagnostic Mode Functions:

ANGLE CALIBRATE	This may be required in the field to recalibrate the scale. Calibrate using 50 pounds.
DISP. CORNER LBS	This function displays the individual corner weights in pounds for each load cell and can be used to isolate a defective load cell.
DISP. CORNER CTS	This function displays the individual corner weights in counts for each load cell and can be used to isolate a defective load cell.
DISPLAY FACTORS	This function is used to see the scale calibration factors. This can be used to diagnose a bad scale calibration.
DISPLAY AVERAGES	This function is used to see the average weight in pounds each load cell has experienced.
DISPLAY MAXIMUMS	This function is used to see the maximum weight each load cell has experienced.
CLEAR STATISTICS	This function is used to clear the averages and maximums.
INIT TO DEFAULTS	This function is used to reset the scale factors back to defaults.
VIEW ERROR LOG	This function can be used to see a log of scale errors and the time they occurred.
LOCK/UNLOCK LBS/KG	This function can be used to lock out the ability to change weight units.
PICK EXIT ALARM	This function can be used to select a different bed exit alarm tone.
BRAKE ALARM OFF/ON	This function can be used to enable or disable an audible alarm when the brakes are not set. Not available for beds with ZOOM® or Battery Backup.
DEFAULT ANGLE	This function can be used to select the default angle displayed to either fowler or trend.
SOFTWARE CONFIG	This function can be used to see what the bed configuration is.
SOFTWARE VERSION	This function can be used to see what software version it is.
CALIBRATE SCALE	This is the old scale calibration routine with 200 pounds. Only there for backup purposes.
EXIT DIAGNOSTIC	This function will give you the ability to exit the diagnostic mode and go into scale mode.

Diagnostic Mode:

Note

It requires two people to enable the diagnostic mode for the Scale System.

1. To enter diagnostic mode, unplug the bed’s power cord from the wall socket.
2. Press and hold down the LBS/KGS button.
3. While still holding the LBS/KGS button, plug the bed’s power cord into the wall socket.
4. After two seconds, release the LBS/KGS button. The LCD should read “**Angle Calibrate**”. The diagnostic mode is now active.

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OPTIONAL SCALE SYSTEM DIAGNOSTICS AND CALIBRATION (CONTINUED)

Displaying Individual Load Cell Outputs:

A defective load cell can be detected by entering diagnostics and displaying individual load cell outputs.

1. Enter the diagnostic mode. The LCD will display "**Angle Calibrate**" when the diagnostic mode is activated.
2. Repeatedly press and release the up or down arrow button (**Zero** or **Scale On/off**) until the LCD displays "**Display Corner CTS**".
3. Press and release the **Enter** button (LBS/KGS). The LCD should display "<?> **Select Corner**". The two buttons listed below function as **Position** buttons to select the four corners of the bed's litter. Whenever the LCD displays "<?> **Select Corner**", press one of these buttons to cycle through the corners and to select the load cell assembly at the desired corner
    A. **Zero** - cycle up through the four corners
    B. **Scale On/off** - cycle down through the four corners
4. Press and release the position button that corresponds with the load cell to be checked. The LCD should display "X/X=NNN.N". "X/X" represents the initials of the selected corner, i.e. H/R will be displayed for the patient's head end, right side. "NNN.N" represents the resistance of the load cell.
5. Repeat step four for each corner. Head end weight readings will normally be lower than foot end weights. Weight readings should be constant. A drifting 000.0 or 999.9 weight, or a reading that does not change when weight is applied to that corner of the bed indicates a problem with the selected load cell assembly or load cell cable.

Verifying Scale Accuracy:

1. Zero the empty bed. Place a known weight on the center of the bed; the heavier the better and no less than 100 pounds. The displayed weight should be within ±2% of the actual weight.
2. If the displayed weight is not accurate, remove the weight from the bed and place the scale CPU in calibration mode.

Scale Calibration:

Note

It requires **two people** to enable the calibration mode for the Scale System.
Calibrate the Scale System with a known weight of approximately 50 pounds.

1. To enter the calibration mode, unplug the bed's power cord from the wall socket.
2. Press and hold down the LBS/KGS button.
3. While still holding the LBS/KGS button, plug the bed's power cord into the wall socket.
4. After two seconds, release the LBS/KGS button. The LCD should read "**Angle Calibrate**". The calibration mode is now active.
5. Press and hold the **Enter** button (LBS/KGS). Zero the bed, following the displayed instructions. When the bed is zeroed, the LCD should display "REF X100=<0>5000". This is the factory default for 50 pounds. If 50 pounds will be used to calibrate the scale, proceed to step 7.

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OPTIONAL SCALE SYSTEM DIAGNOSTICS AND CALIBRATION (CONTINUED)

Scale Calibration (Continued):

6. If exactly 50 pounds is not available, change the display to match the weight you are using. Pressing the **Change Equip** button will move the cursor position to the right. Pressing the up arrow (**Zero**) button will increase the numbers. Pressing the down arrow (**Scale On/Off**) button will decrease the numbers. Scroll through the numbers until they match the weight you will use for calibration.
7. Place the 50 pound calibrated weight in the center of the bed. Press and release the **Enter** button and the LCD will display “**Press Rev. Trend**”. Press and hold the button with the Reverse Trendelenburg symbol (feet down/head up) until the bed stops. Release the button and the LCD will display “**Do Not touch Bed**”. Press and hold the Reverse Trendelenburg button again until the bed stops. Release the button and the LCD will display “**Do Not Touch Bed**”.
8. The LCD will display “**Press Trend.**” Press and hold the button with the Trendelenburg symbol (feet up/head down) until the bed stops. Release the button and the LCD will display “**Do Not Touch Bed**”. Press and hold the Trend button again until the bed stops. Release the button and the LCD will display “**Do Not Touch Bed**”.
9. The LCD will display the weight. This indicates the calibration procedure is complete.
10. Level the bed at a full up or full down position. Remove the weight and zero the bed.
11. Verify scale accuracy and functionality before returning the bed to service.

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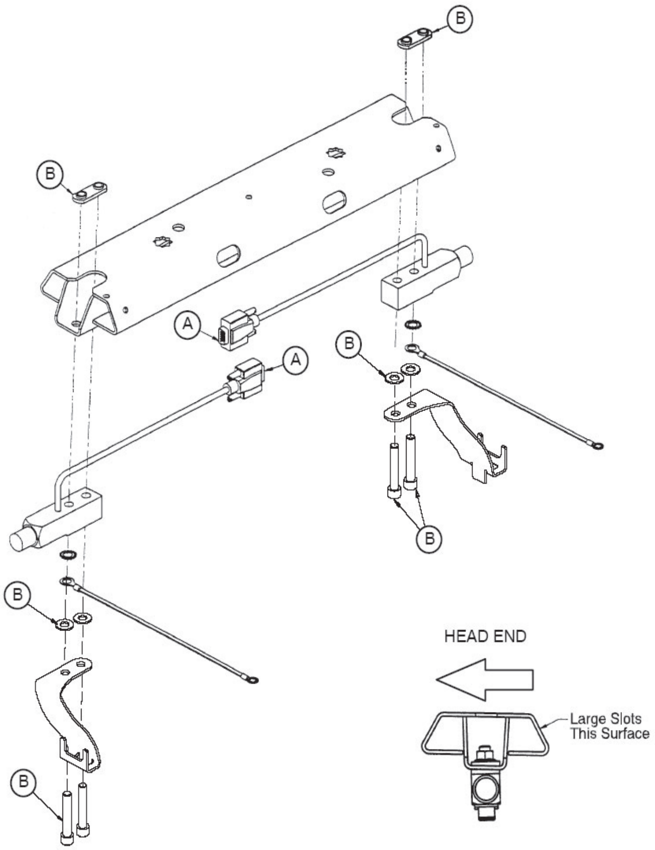
LOAD CELL REPLACEMENT

TOOLS REQUIRED:

- 1/4” Hex Allen Wrench
- Wire Cutters



PROCEDURE:

1. Unplug the bed power cord from the wall socket.
2. Support the corner of the litter where the load cell is being removed.
3. Unplug the load cell connector (A) from the load cell cable. Using the side cutters, cut the cable ties.
4. Using a 1/4” hex Allen wrench, remove the screws, washers, and nuts (B) holding the load cell to the bed.
5. To remove a load cell at the head end of the bed, slide the load cell toward the center of the bed to clear the bushing that supports the load cell. Remove the load cell by lifting it up and out. To remove a load cell at the foot end of the bed, slide the load cell with the roller bushing toward the center of the bed to clear the litter frame. Remove the load cell and the roller bushing by lifting them up and out.
6. Reverse the above procedure to install the new load cell.

CAUTION

Be sure the load cell’s strain gauge is facing up when installing a new load cell or the weigh system will not work properly.

7. Recalibrate the weigh system (see “Scale Calibration” in “Scale System Diagnostics and Calibration” section).

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POWER SUPPLY REPLACEMENT

REQUIRED TOOLS:

- #2 Phillips Screwdriver
- T27 Torx

PROCEDURE:

1. Adjust the Fowler to approximately 25-30. Unplug the bed power cord from the wall socket.
2. Properly ground yourself (see “Static Discharge Precautions” section).
3. Using a T27 Torx, remove the two screws holding the head end litter access cover and remove the cover.
4. Disconnect all cables at the power supply. Note the locations of the cables so they will be reconnected properly to the replacement power board.
5. To remove the board from the litter standoffs, use a #2 Phillips screwdriver to remove the four screws holding the board to the litter. Remove the board.
6. Install the new board and reconnect all cables.
7. Reinstall the litter access panel and plug the bed power cord into a properly grounded wall receptacle.
8. Test the bed for accurate operation before returning it to service.

CPU BOARD REPLACEMENT

TOOLS REQUIRED:

- T27 Torx

PROCEDURE:

1. Adjust the Fowler to approximately 25-30. Unplug the bed power cord from the wall socket.
2. Properly ground yourself (see “Static Discharge Precautions” section).
3. Using a T27 Torx, remove the two screws holding the head end litter access cover and remove the cover.
4. Disconnect all cables at the litter CPU board. Note the locations of the cables so they will be connected properly to the replacement litter CPU.
5. To remove the board from the litter standoffs, pull out on the retention clips and lift upward on the board.
6. Install the new board and reconnect all cables.
7. Reinstall the litter access panel and plug the bed power cord into a properly grounded wall receptacle.
8. Before installing new CPU, SB1, SB2, SB3 and SB4, the dip switches must be set (see “CPU Board - 3002-407-950” section).
9. When a new CPU board is installed, a “burn-in” procedure must be done (see “Lift Potentiometer ‘Burn-In’ Procedure”). If your bed is equipped with a Scale System, scale calibration must also be done (see “Scale Calibration” in “Scale System Diagnostics and Calibration” section). Refer to Zoom® manual for proper switch settings.
10. Test bed operations before returning the bed to service.

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OPTIONAL SMART TV INTERFACE “BURN-IN” PROCEDURE

This procedure is used for selecting the style of TV interface needed for your bed. If traditional TV is desired, no calibration is required. If optional Smart TV is available on the bed, select one of the TV manufacturers listed in the table below.

SETUP

Ensure the communication cable is connected between the bed and the Db37 wall port or the pillow speaker port of the Nurse Call System. If available, a bed communication tester can be used instead of the hospital wiring.

PROCEDURE

1. Place the bed in the lift potentiometer burn-in mode (see “Lift Potentiometer ‘Burn-In’ Procedure”).
2. Notice the Nurse Call LED (yellow) is flashing. Notice the Nurse Answer LED (green) is flashing On/Off slowly.
3. Press and release the TV On/Off switch on the bed’s siderail once. Notice the Nurse Call LED flashes once. This is the first selection of TV manufacturers for the Smart TV mode. Notice the Nurse Answer LED (green) is flashing On/Off slowly. The Nurse Answer LED will only light when the Nurse Call LED (yellow) is flashing.
4. Press and release the TV On/Off switch on the bed’s siderail to scroll to other TV manufacturers. Notice the number of times the Nurse Call LED flashes matches the number listed in the table below and represents the TV manufacturer selected.
5. When the desired TV manufacturer has been selected, unplug the bed power cord from the wall socket and plug it back in to complete the Smart TV burn-in procedure.

Note

If the bed is connected to a television during the burn-in procedure, the television will turn on when the correct setting is selected.

TV Manufacturer Selection For Smart TV Burn-in Procedure

Press And Release TV On/Off Switch:	Nurse Call LED (Yellow)	TV Manufacturer
One time	One flash	RCA 1
Two times	Two flashes	RCA 2
Three times	Three flashes	Zenith 1
Four times	Four flashes	Zenith 2
Five times	Five flashes	Philips/Magnavox
Six times	Six flashes	Magnavox (models 9120, 9220, 9320)
Seven times	Seven flashes	Traditional TV
Eight times	Eight flashes	Traditional Plus
Nine times	Nine flashes	Auto Detect: Smart TV
Ten times	Ten flashes	Auto Detect w/Digital Volume Smart TV

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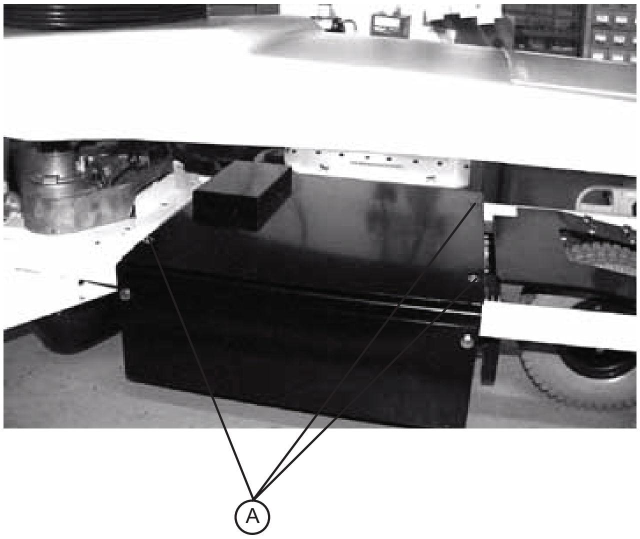
ZOOM® OPTION BATTERY REMOVAL AND REPLACEMENT

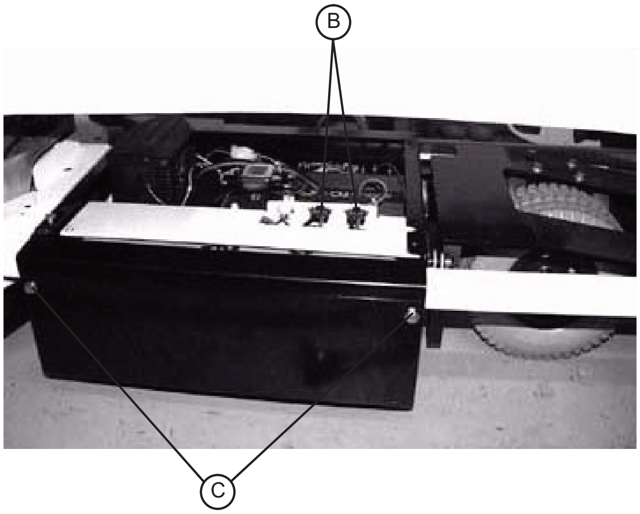
REQUIRED TOOLS:

- Torx T27
- 7/16” Wrench
- 1/2” Socket Wrench
- Bungee Cords
- Phillips Screwdriver
- 5/32” Allen



PROCEDURE:

1. Raise the litter to full up. Unplug the power cord from the wall socket and push the battery power On/Off switch to the “Off” position.
2. Using a Phillips screwdriver, remove the four screws holding the base hood to the base frame.
3. Lift the base hood and support it from the litter frame using bungee cords or the equivalent.
4. Properly ground yourself (see “Static Discharge Precautions” section).
5. Open the cable clamp at the head end, left side of the base frame and remove the cables from the clamp.
6. Using a Torx T27, remove the four screws (A) holding the electronics box cover and remove the cover.
7. Disconnect the two battery cables (B).



WARNING

The battery tray assembly weighs 50 pounds. Use caution when removing the two hex head screws securing it to the base frame or personal injury could result. Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

8. Support the battery tray assembly from the bottom. Using a 7/16” hex socket or wrench, remove the two screws (C) supporting the battery tray.
9. The back of the battery tray assembly has a lip which catches on the electronics box. Lift up and out to remove the battery tray assembly.
10. Using a Phillips screwdriver, remove the two screws holding the battery terminal to the battery tray assembly.
11. Using a 5/32” Allen wrench and a 7/16” wrench, remove the four screws and nuts holding the battery harness to the battery terminals.
12. Reverse steps 1 - 11 to install the new batteries. Complete the last four items of the setup procedures in the “Setup Procedures (Zoom™ Option)” section.

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ZOOM® OPTION DC MOTOR BOARD REMOVAL AND REPLACEMENT

TOOLS REQUIRED:

- Phillips Screwdriver
- 1/8” Allen Wrench
- Bungee Cords
- T27 Torx

PROCEDURE:

1. Raise the litter to the full up position.
2. Unplug the power cord from the wall socket and push the battery power On/Off switch to the “Off” position.
3. Using a Phillips screwdriver, remove the four screws holding the base hood to the base frame.
4. Open the cable clamp at the head end, left side of the base frame and remove the cables from the clamp.
5. Lift the base hood and support it from the litter frame using bungee cords or the equivalent.
6. Using a T27 Torx, remove the four screws holding the cover to the side of the electronics box.
7. Properly ground yourself (see “Static Discharge Precautions” section).
8. Using a 1/8” Allen wrench, remove the four bolts and standoffs holding the motor board to the electronics box.
9. Remove all cables from the motor board and remove the board.

Note

Note the locations of the cables so you can connect them properly to the new motor board.

10. Reverse steps 1 - 8 to install the new power board.

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ZOOM OPTION DRIVE MOTOR REMOVAL AND REPLACEMENT

REQUIRED TOOLS:

- Phillips Screwdriver
- 1/2” Socket Wrench
- Bungee Cords
- Floor Jack
- T27 Torx

PROCEDURE:

1. Raise the litter to the full up position.
2. Unplug the power cord from the wall socket and push the battery power On/Off switch to the “Off” position.
3. Using a Phillips screwdriver, remove the four screws holding the base hood to the base frame.
4. Open the cable clamp at the head end, left side of the base frame and remove the cables from the clamp.
5. Lift the base hood and support it from the litter frame using bungee cords or the equivalent.
6. Using a T27 Torx, remove the four screws holding the power board cover to the side of the electronics box. Remove the two motor wires from the power board and remove the T27 Torx ground screw.
7. Apply the brakes and disengage the drive wheel. Place a floor jack under the leaf spring at the foot end of the bed and raise the wheels approximately 3” off the floor.
8. Using a 1/2” socket wrench, remove the four bolts holding the drive motor to the leaf spring.

⚠ CAUTION

Support the drive motor before removing the four bolts to prevent it from falling to the floor and becoming damaged.

9. Reverse steps 1 - 8 to install the new drive motor.
10. Run through the operation of the power drive wheel to ensure it is operating properly before returning the unit to service.

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ZOOM® OPTION CONTROL BAR POTENTIOMETER REPLACEMENT

Tools Required:

- T27 Torx
- 1/2” Box End Wrench
- #2 Phillips Screwdriver
- Wire Cutters
- Small Flat Blade Screwdriver
- 5/16” Nut Driver

Procedure:

1. Raise the litter and the head end to the full up position.
2. Remove the head board from the bed.
3. Unplug the power cord from the wall socket and push the battery power On/Off switch to the “Off” position.
4. Using a 5/16” nut driver, remove the screw holding the power cord clamp to the bumper weldment and remove the clamp from the bumper.
5. Using a T27 Torx, remove the four bolts (A) at the head end of the bed holding the control bar mounting bracket to the head end (see Figure 1).
6. Using a #2 Phillips screwdriver, remove the three screws (B) holding the control bar cover to the head end of the bed (see Figure 2).
7. Standing at the head end, pull the control bar toward you and fold down the control bar mounting bracket.
8. Using a 1/2” wrench, remove the nut holding the potentiometer to the mount. Using wire cutters, cut the wire ties. Unplug the potentiometer cable from the CPU display board and remove the potentiometer.
9. Install the new potentiometer. Using a small flat blade screwdriver, turn the potentiometer shaft clockwise until it stops. urn it back counterclockwise 1/2 turn.
10. After the new potentiometer has been installed, the potentiometer “burn-in” procedure must be performed (see “Zoom® Option Control Bar Potentiometer ‘Burn-In’ Procedure”).
11. After performing the “burn-in” procedure, reverse steps 1 - 7 to reassemble the bed.
12. Test all functions before returning the unit to service.

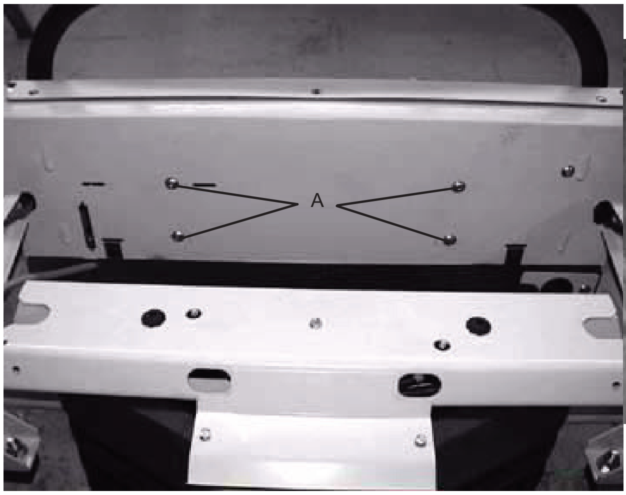

Figure 1

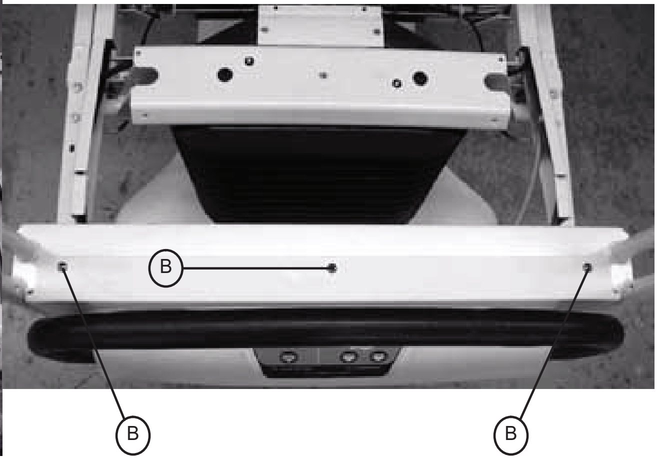

Figure 2

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ZOOM® OPTION CONTROL BAR POTENTIOMETER “BURN-IN” PROCEDURE

Tools Required:

- T27 Torx
- 1/2” Box End Wrench
- # 2 Phillips Screwdriver
- Wire Cutters
- Small Flat Blade Screwdriver
- 5/16” Nut Driver

Procedure:

1. If it has not already been done, follow steps 1 - 7 of the “Zoom® Option Control Bar Potentiometer Replacement Procedure on page 78.
2. Check the control bar potentiometer voltage. When the bar is centered, there should be 2.25VDC – 2.75 VDC between pin 1 and pin 2 on header 1 on the display / CPU board (see page 96).
3. Hold down the switch on the back of the drive CPU board.
4. With the switch depressed, move the battery power on/off switch to the “ON” position.
5. Verify the “ENGAGE DRIVE WHEEL” LED at the head end of the bed is flashing.
6. Move the battery power on/off switch to the “OFF” position, close the drive control box, set the zoom handle to the neutral position, and move the switch back to the “ON” position.
7. The three LEDs on the front of the bed will flash initially to show the battery voltage of the bed by lighting zero, one, two, or three LEDs.
8. After the battery charge has been displayed by the three LEDs, all three LEDs will flash twice. After all three LEDs have flashed twice push the drive handle to the full forward position (within 3 seconds). Hold the drive handle in the full forward position until all three LEDs flash twice again (3 seconds).
9. The “ENGAGE DRIVE WHEEL” LED will flash once. The control bar potentiometer is calibrated.
10. Return the drive handle to the neutral position.
11. Grasp the drive handle and squeeze the motion release trigger switch without moving the drive handle forward or back. Verify the bed does not move.
12. Release the bed brakes and engage the drive wheel. Standing at the head end of the bed, grasp the drive handle and squeeze the motion release trigger switch while moving the drive handle away from you. Verify the bed moves forward.
13. Grasp the drive handle and squeeze the motion trigger release switch while moving the drive handle toward you. Verify the bed moves backward.
14. Reverse steps 1 – 7 of the control bar potentiometer replacement procedure on page 78 to reassemble the bed.

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ZOOM® OPTION AC CROSSOVER BOARD REPLACEMENT

Tools Required:

- T27 Torx
- 1/2” Box End Wrench
- #2 Phillips Screwdriver
- Wire Cutters
- Small Flat Blade Screwdriver
- Needle Nose Pliers
- 5/16” Nut Driver

Procedure:

1. Follow steps 1-7 of the “Zoom® Option Control Bar Potentiometer Replacement Procedure”.
2. Using a T-27 Torx, remove the two bolts holding the AC crossover board cover to the head end frame and remove the cover.
3. Disconnect all wires from the AC crossover board
4. Using needle nose pliers, release the four mounting standoffs from the board and remove the board.
5. Reverse steps 1 - 4 to install the new board.
6. Reverse steps 1 - 7 of the “Zoom® Option Control Bar Potentiometer Replacement Procedure” to reassemble the bed.

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ZOOM® OPTION DISPLAY/CPU BOARD REPLACEMENT

Required Tools:

- T27 Torx
- 1/2” Box End Wrench
- #2 Phillips Screwdriver
- Wire Cutters
- Small Flat Blade Screwdriver
- Needle Nose Pliers
- 5/16” Nut Driver

Procedure:

1. Follow steps 1 - 7 of the “Zoom® Option Control Bar Potentiometer Replacement Procedure”.
2. Disconnect all wires from the display/CPU board.
3. Using a #2 Phillips screwdriver, remove the six screws holding the display/CPU board to the control bar cover and remove the board.
4. Reverse steps 2 and 3 to install the new board. After the new board has been installed, the potentiometer “burn-in” procedure must be performed (see “Zoom® Option Control Bar Potentiometer ‘Burn-In’ Procedure” section).
5. Reverse steps 1 - 7 of the “Zoom® Option Control Bar Potentiometer Replacement Procedure” to reassemble the bed.

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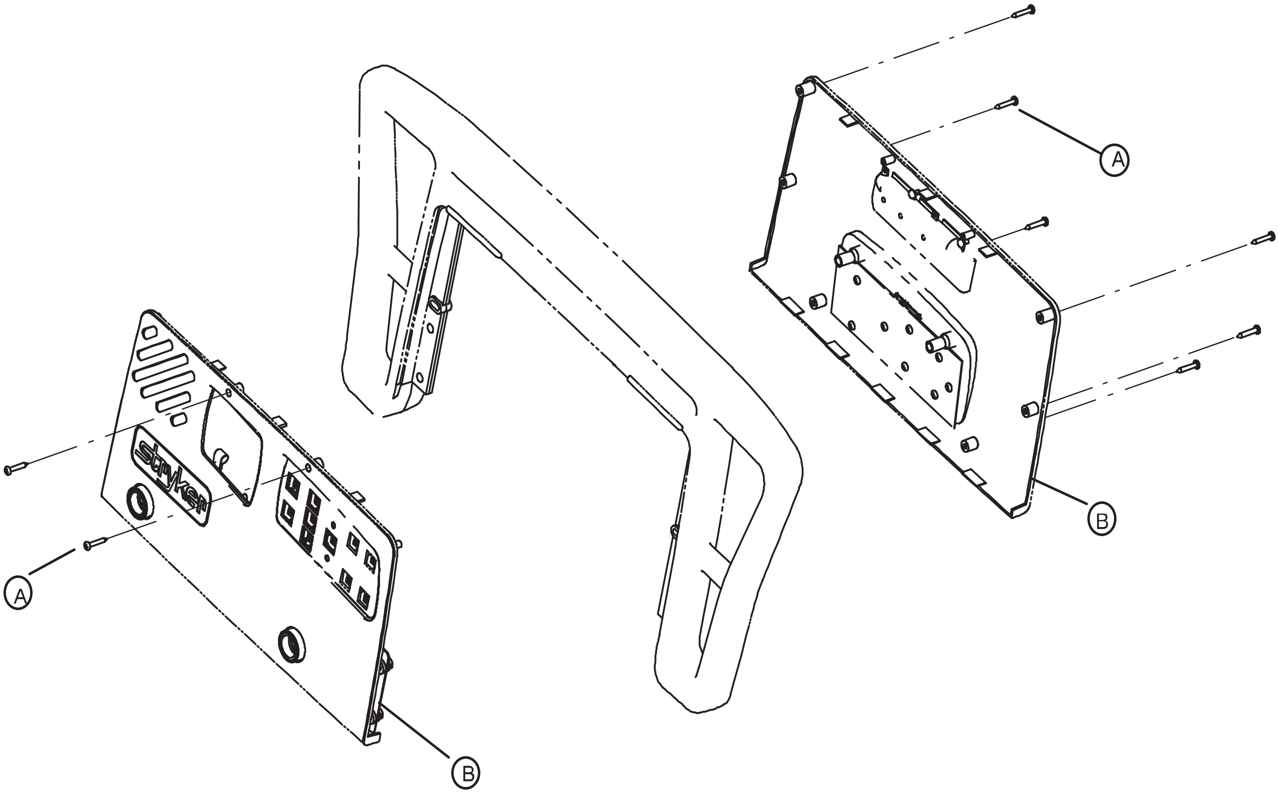
HEAD AND FOOT SIDERAIL COVER REMOVAL

Tools Required:

- #2 Phillips Screwdriver



Procedure:

1. Unplug the power cord from the wall receptacle.
2. Using a #2 Phillips screwdriver, remove the 8 phillips screws (A) holding the covers (B) to the siderail.

⚠ CAUTION

There are two cables connecting the outside cover to the head end siderail. Be careful not to pull on them when removing the cover.

3. Remove the cables from the siderail. Make note of the proper location for the cables.
4. Reverse the above steps to reattach the cover.

⚠ CAUTION

Do not snag the cables when installing the siderail cover.

Note

Follow the same procedure for siderail cover removal for the foot end rails.

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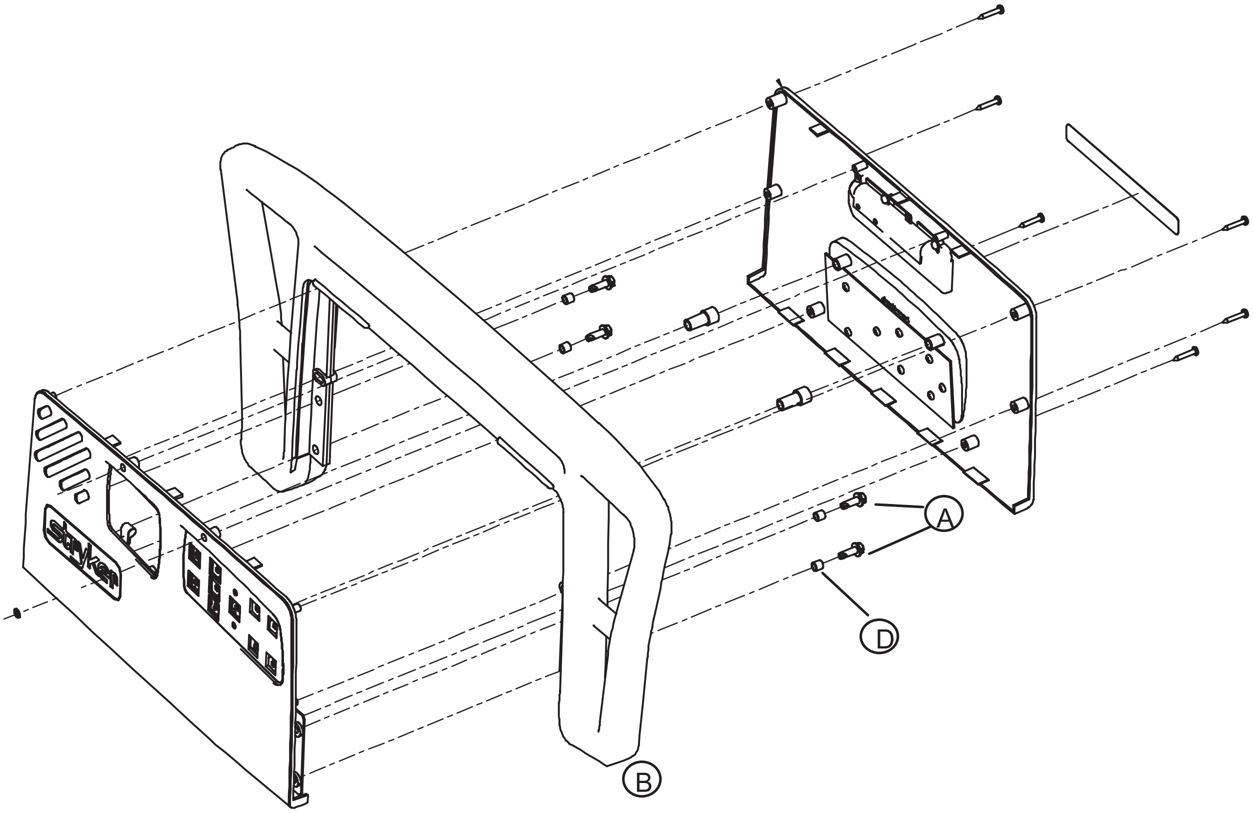
HEAD AND FOOT MOLDED SIDERAIL REPLACEMENT

TOOLS REQUIRED:

#2 Phillips Screwdriver
3/8” Nut Driver



Procedure:

1. Unplug the bed power cord from the wall socket.
2. Remove the siderail cover (see “Head and Foot Siderail Cover Removal” section)..
3. Using a 3/8” nut driver, remove the screws (A) holding the molded rail (B) to the siderail support assembly.

Note

Note the location of the spacers (D) for reassembly purposes.

4. Pull up on the molded rail (B) to remove it from the siderail assembly.
5. Reverse the above steps to install the new molded rail.

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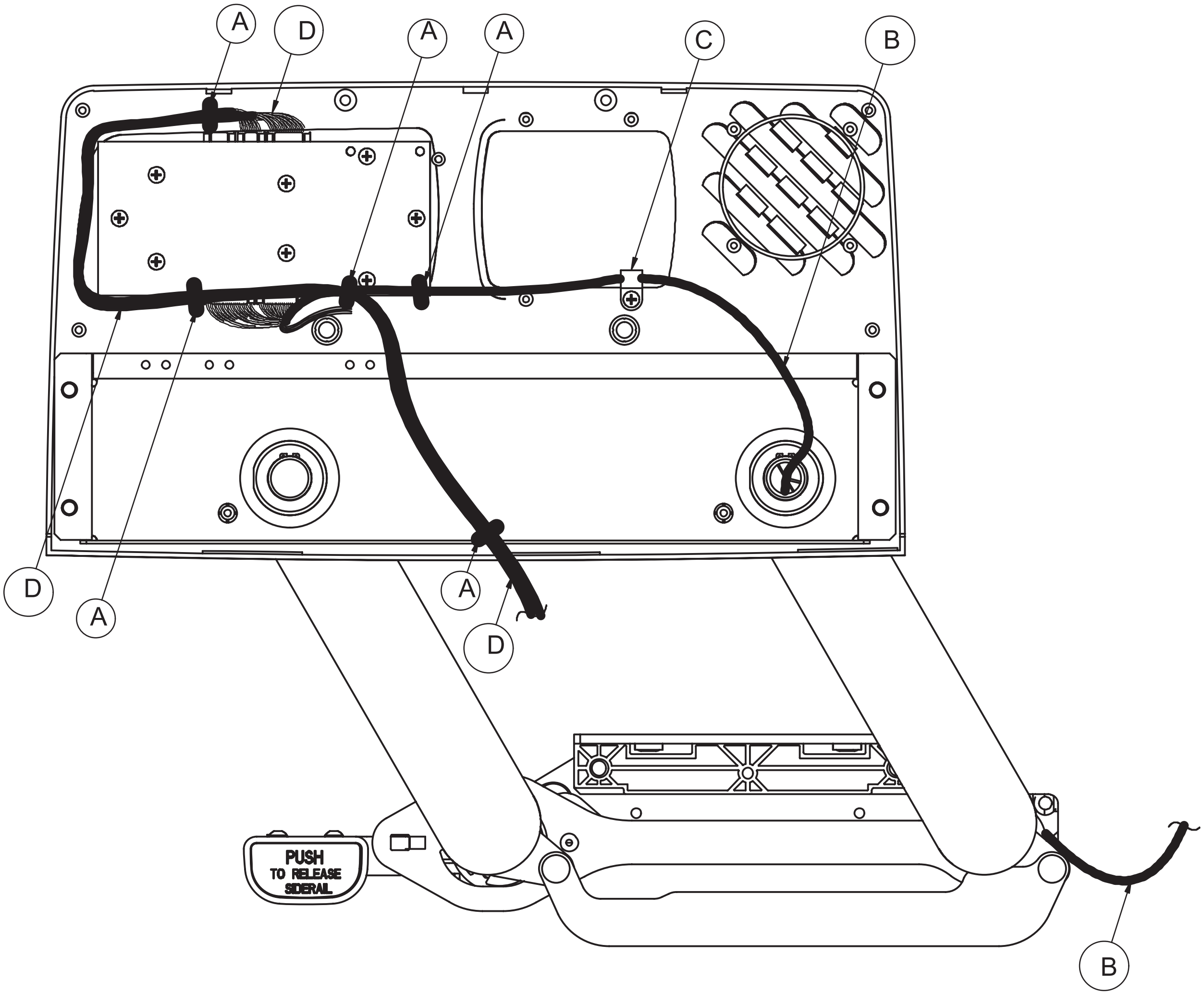
HEAD END SIDERAIL CABLE REPLACEMENT

Tools Required:

- #2 Phillips Screwdriver
- Side Cutters



Procedure:

1. Run the head section fully up.
2. Unplug the bed power cord from the wall socket.
3. Using a #2 Phillips screwdriver, remove the eight screws holding the siderail cover and remove the cover.
4. Put the siderail in the down position.
5. Using side cutters, clip the cable ties (A) holding the cables together.
6. Using a #2 Phillips screwdriver, remove the cable clamp (C) from the siderail.
7. Disconnect cable (B) from the circuit board and cable (D) from the speaker.

Note

The speaker and Nurse Call are optional equipment and may not be in the siderail as shown.

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HEAD END SIDERAIL CABLE REPLACEMENT (CONTINUED)

8. Pull the cables through the siderail (toward the center of the bed).
9. Unplug the cable assembly (F) underneath the head section.
10. Reverse the above steps to install the new cable.

⚠ CAUTION

Be sure to position the cables on both sides of the pivot arm, as shown in the illustration in the “Head End Siderail Cable Replacement” section, before reattaching the pivot arm cover. If not done properly, the cover will not fit tightly and damage could occur to the cables.

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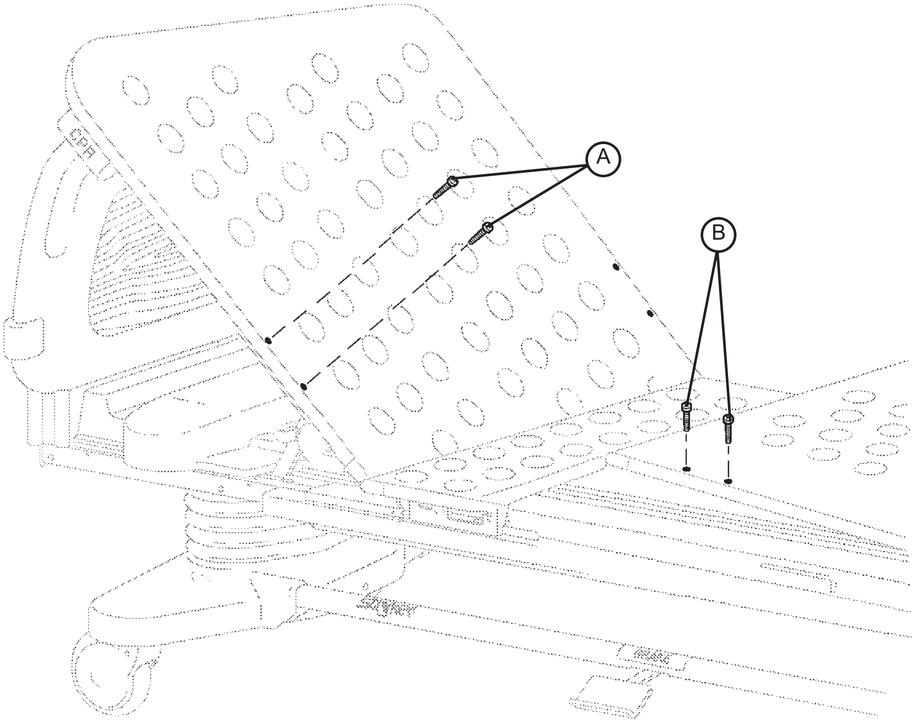
SIDERAIL ASSEMBLY REMOVAL

Tools Required:

- T27 Torx



Procedure:

1. Run the head section up electrically when removing a head end siderail.
2. Unplug the bed power cord from the wall socket.
3. Lower the siderail being removed.

Note

If removing a head end siderail, the cable must be unplugged.

4. Using a T27 Torx, remove the screw from the ground strap and the two screws (A - head end) or (B - foot end) holding the complete siderail assembly on the head or foot section.
5. Push in on the siderail assembly to clear under the head or foot section and pull the siderail back to remove it from the bed.
6. Reverse the above steps to reinstall the siderail assembly. Be sure to reinstall the foot end siderails to the same location (holes) they were removed from.

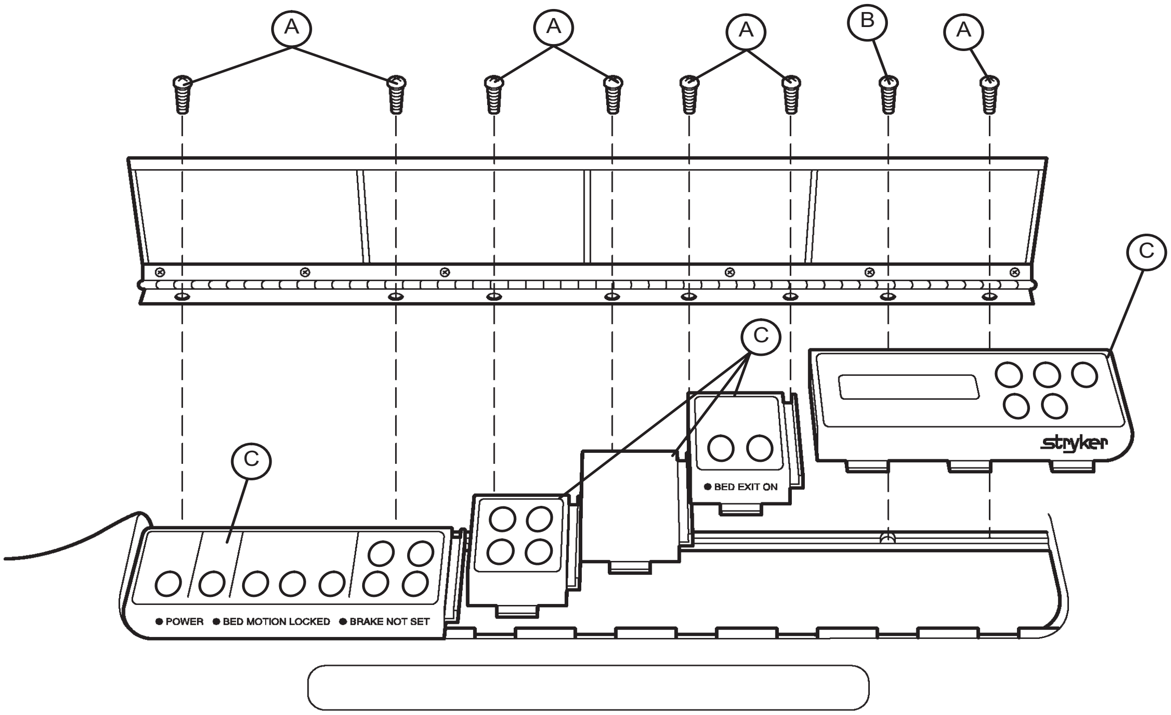
Note

Grease the glide rods on the replacement siderail assembly with Syntech grease.

FOOT BOARD HINGE REMOVAL

Tools Required:

#2 Phillips Screwdriver


A
A
A
B
A
C
C
C
● BED EXIT ON
stryker
● POWER ● BED MOTION LOCKED ● BRAKE NOT SET

Procedure:

1. Using a #2 Phillips screwdriver, remove the screws (A & B) holding the door and hinge assembly to the foot board.
2. If replacing the hinge only, use a Phillips screwdriver to remove the screws holding the hinge to the door.
3. Reverse the above steps to attach the replacement door and/or hinge.

Note

Screw (B) is a machine screw and must be reinstalled in the proper hole.

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FOOT BOARD MODULE REPLACEMENT

Tools Required:

- #2 Phillips Screwdriver

Procedure:

1. Unplug the bed power cord from the wall socket. Remove the foot board hinge (see "Foot Board Hinge Removal" section).

Note

No matter which module is being replaced, the farthest module to the right must be removed first.

2. Pull the module out of the foot board and disconnect the cable from the module (C).
3. Reverse the above steps to install the new module.

CAUTION

The modules must be overlapped as shown in the illustration to prevent fluids from entering the board cavity and causing damage.

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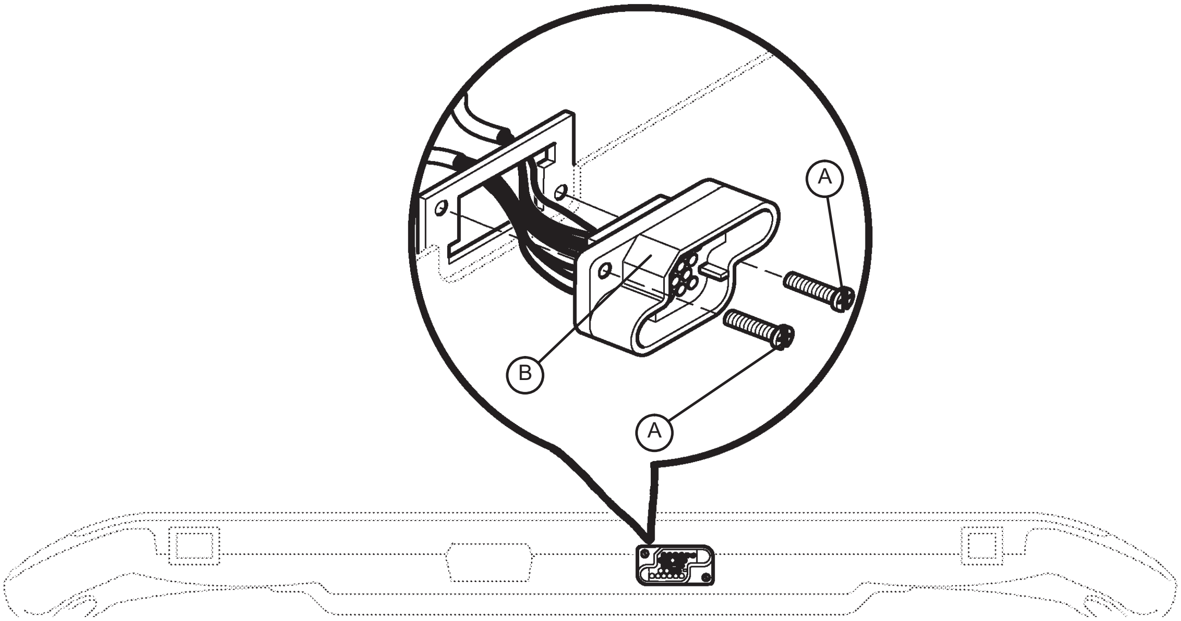
FOOT BOARD INTERFACE PLUG REPLACEMENT

Tools Required:

- #2 Phillips Screwdriver



BOTTOM VIEW OF FOOT BOARD

Procedure:

1. Unplug the bed power cord from the wall socket.
2. Remove the foot board from the bed to access the bottom of the board.
3. Properly ground yourself (see “Static Discharge Precautions” section).
4. Using a #2 Phillips screwdriver, remove the eight screws holding the foot board door to the foot board and remove the door.
5. Using a #2 Phillips screwdriver, remove the two screws (A) holding the plug to the foot board.
6. Disconnect the cable from the foot board module cable. Note proper placement of the cable so it will be reconnected properly.
7. Reverse the above steps to install the new interface plug.

CAUTION

Be sure to install the plug with the flat edge (B) at the top left, as shown in the illustration, or the foot board interface plug will not mate properly with the bed. Damage to the plug or the foot board could result.

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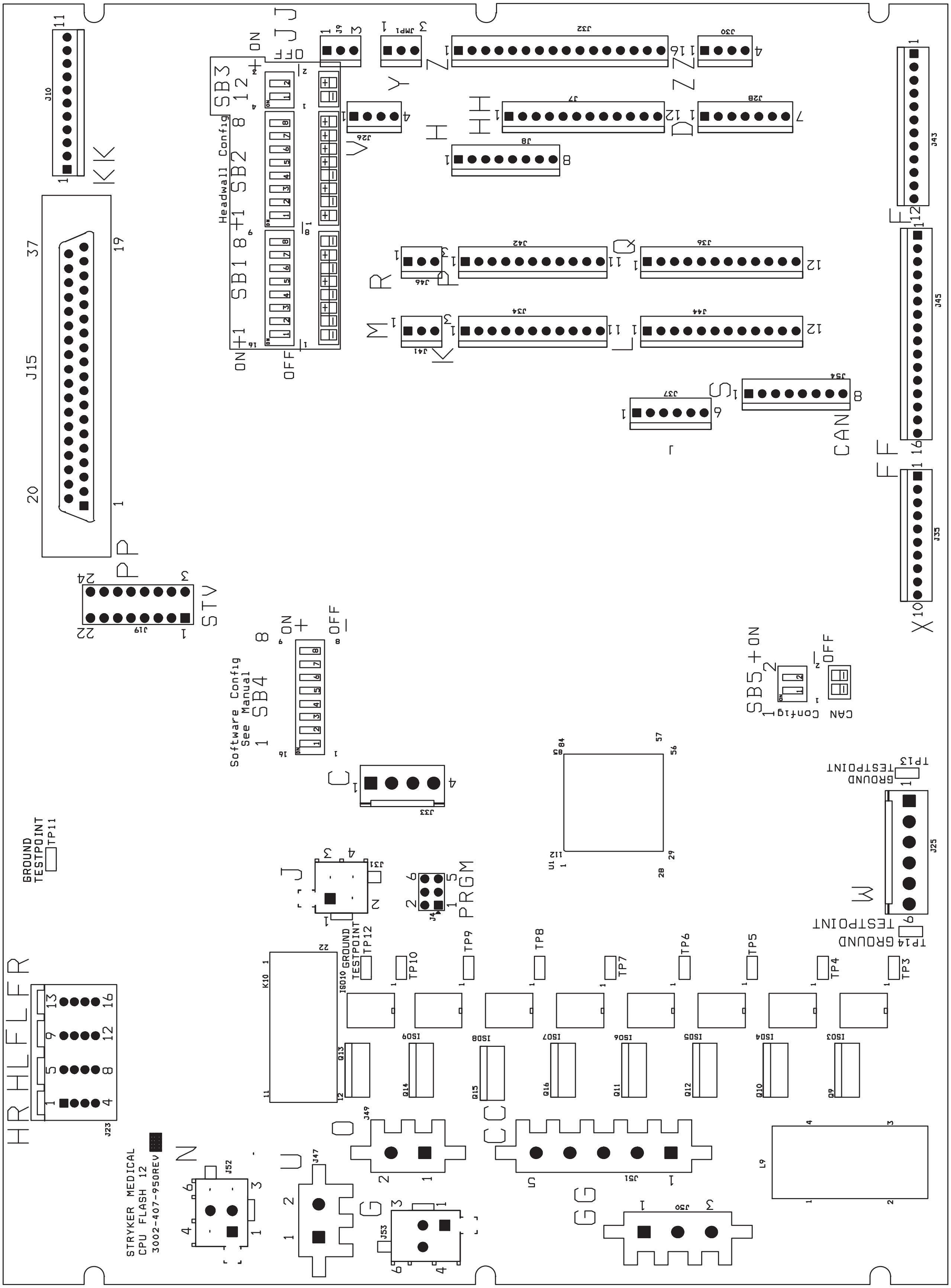
CPU Board - 3002-407-950


J10
KK
J15
PP
J19
STV
Headwall Config
SB1
SB2
SB3
ON
OFF
JJ
J9
JMP1
J32
J30
Z
ZZ
Y
J26
V
H
HH
J7
J28
D
J8
J43
F
J42
J36
Q
R
J46
P
J34
J44
M
J41
K
L
J54
J37
S
CAN
J45
FF
J35
X
Software Config
See Manual
SB4
SB5
CAN Config
J33
C
U1
J25
W
GROUND TESTPOINT
TP13
TP14
TP11
J31
J
J4
PRGM
TP12
TP10
TP9
TP8
TP7
TP6
TP5
TP4
TP3
K10
ISO10
ISO9
ISO8
ISO7
ISO6
ISO5
ISO4
ISO3
Q13
Q14
Q15
Q16
Q11
Q12
Q10
Q9
J23
HR HL FL FR
STRYKER MEDICAL
CPU FLASH 12
3002-407-950REV
J52
N
J47
U
J49
O
J51
CC
J53
G
J50
GG
L9

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CPU Board - 3002-407-950

Cable Location	Voltage	Positive Lead	Negative Lead	Description
W	+12VDC	Pin 1	Pin 4 or 5	Relays & Siderails Light Voltage
W	+5VDC	Pin 2 & 3	Pin 4 or 5	+5VDC from Power Supply
W	-12VDC	Pin 6	Pin 4 or 5	Relays & Siderails Light Voltage
J	+5VDC	Pin 4	Pin 2	+5VDC for Head Lift Potentiometer
J	0 - 5VDC	Pin 3	Pin 2	Head Lift Potentiometer Wiper
C	+5VDC	Pin 1	Pin 2	+5VDC for Foot Lift Potentiometer
C	0 - 5VDC	Pin 3	Pin 2	Foot Lift Potentiometer Wiper
GG	0VAC w/o Switch 110VAC w/Switch	Pin 2 Purple	Pin 1 Blue	Gatch Up
GG	0VAC w/o Switch 110VAC w/Switch	Pin 3 Red	Pin 1 Blue	Gatch Down
CC	0VAC w/o Switch 120VAC w/Switch	Pin 1 Black	Pin 3 Red	Fowler Up
CC	0VAC w/o Switch 120VAC w/Switch	Pin 2 White	Pin 3 Red	Fowler Down
O	110VAC	Pin 1	Pin 2	Line Voltage to Bed
N	0VAC w/o Switch 120VAC w/Switch	Pin 3 Black	Pin 1 White	Head Lift Down
N	0VAC w/o Switch 120VAC w/Switch	Pin 6 Red	Pin 1 White	Head Lift Up
G	0VAC w/o Switch 120VAC w/Switch	Pin 3 Black	Pin 1 Red	Foot Lift Down
G	0VAC w/o Switch 120VAC w/Switch	Pin 6 White	Pin 1 Red	Foot Lift Up

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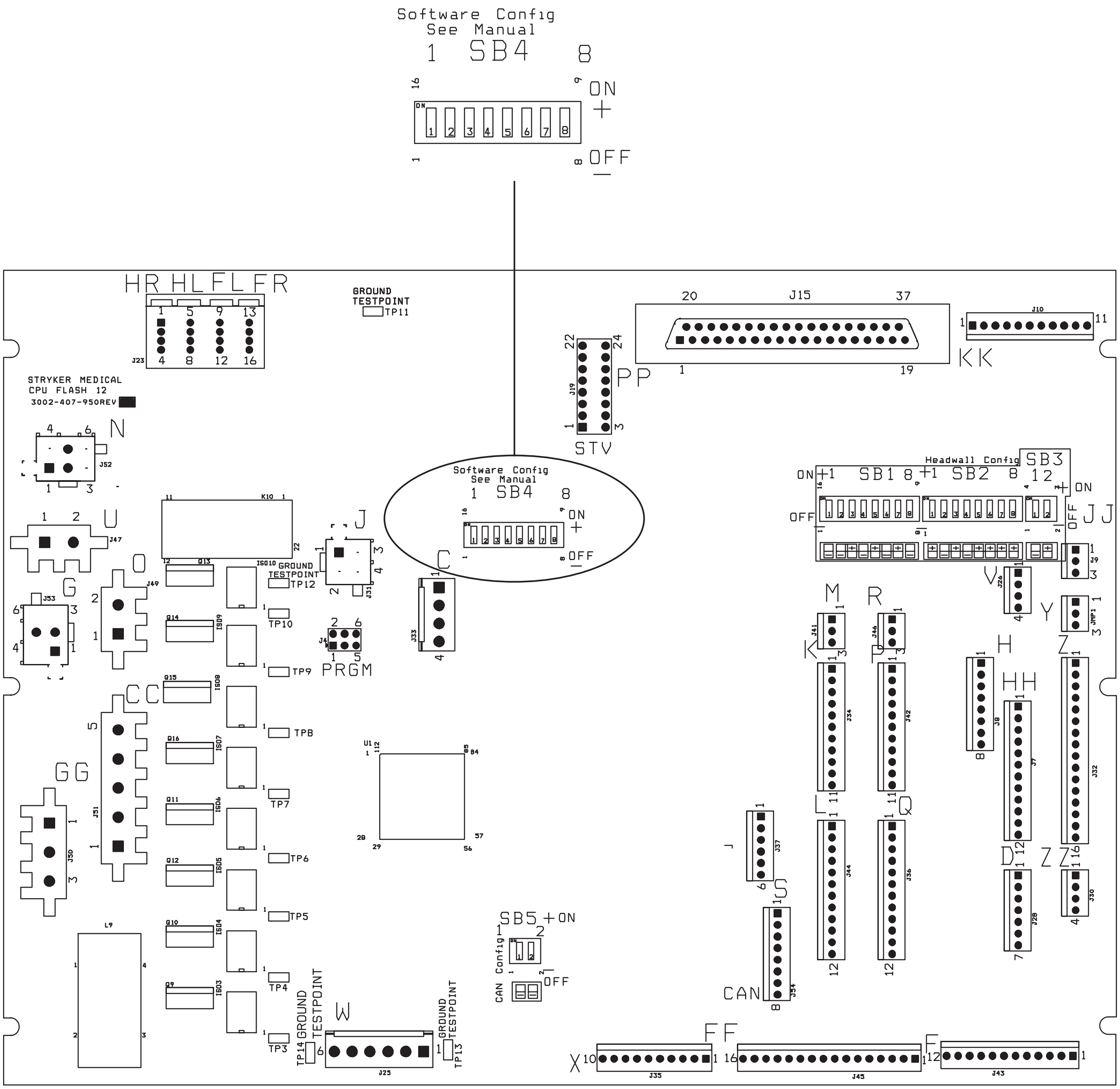
Software Config
See Manual
1 SB4 8
ON +
OFF −
HR HL FL FR
GROUND TESTPOINT
TP11
J15
KK
J10
PP
STV
J19
STRYKER MEDICAL
CPU FLASH 12
3002-407-950REV
N
J52
U
J47
O
J49
J
C
J33
G
J53
PRGM
J4
CC
GG
J51
J50
L9
W
J25
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP12
TP13
TP14
U1
K10
Headwall Config
SB1
SB2
SB3
JJ
J9
V
J26
Y
JMP1
M
R
J41
J46
K
P
J34
J42
H
J8
HH
J7
Z
J32
L
Q
J44
J36
J37
S
J54
CAN
D
J28
ZZ
J30
SB5
CAN Config
X
J35
FF
J45
F
J43

1. Locate switch bank 4, labeled SB4 on the CPU board (see above).
2. Move the switches to the appropriate positions for the specific bed (see “Software Configuration” section).
3. To verify the switch settings, check what the foot board LCD displays in the burn-in mode. For beds with a Scale System, select software configuration in the diagnostic mode.

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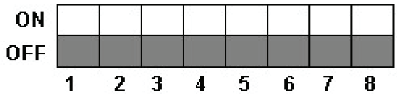
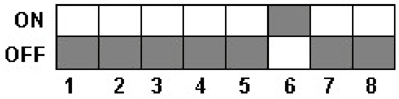
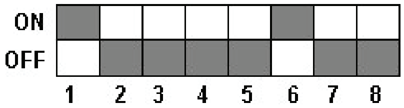
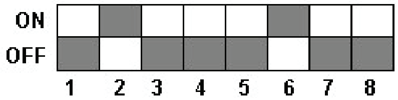
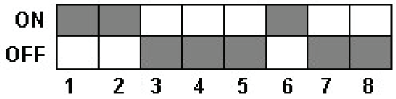
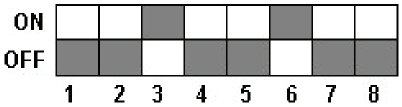
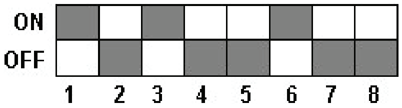
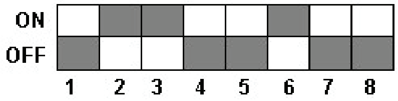
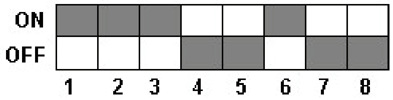
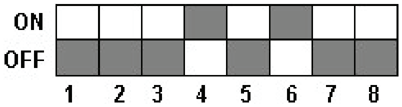
 ON OFF 1 2 3 4 5 6 7 8	Functional Test
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Standard Bed
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Zoom®/Standard Bed
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Zoom®/Scale/Bed Exit
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Zoom®/Scale/Zone Control Bed Exit
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Scale/Bed Exit
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Scale/Zone Control Bed Exit
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Short/Zoom®/Standard Bed
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Short/Zoom®/Scale/Bed Exit
 ON OFF 1 2 3 4 5 6 7 8	Med-Surg-Short/Zoom®/Scale/Zone Control Bed Exit

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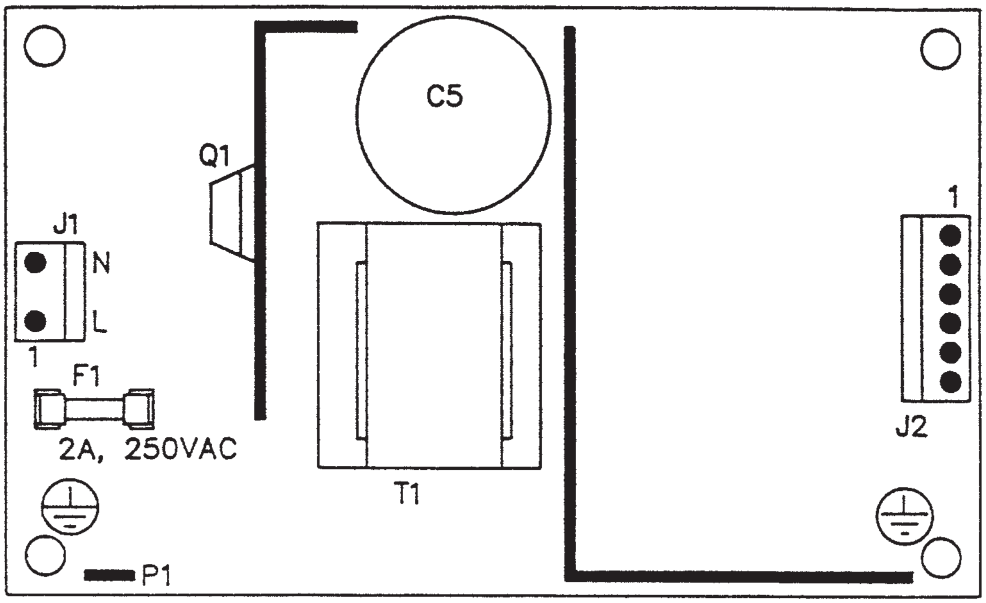
Power Supply - 0000-059-157


C5
Q1
J1
N
L
1
F1
2A, 250VAC
T1
1
J2
P1

Connector Location	Voltage	Positive Lead	Negative Lead
J1	110V	Pin 1	Pin 2
J2	12V	Pin 1	Pin 4 or 5
J2	5V	Pin 2	Pin 4 or 5
J2	5V	Pin 3	Pin 4 or 5
J2	GND	Pin 4	Pin 4 or 5
J2	GND	Pin 5	Pin 4 or 5
J2	-12V	Pin 6	Pin 4 or 5

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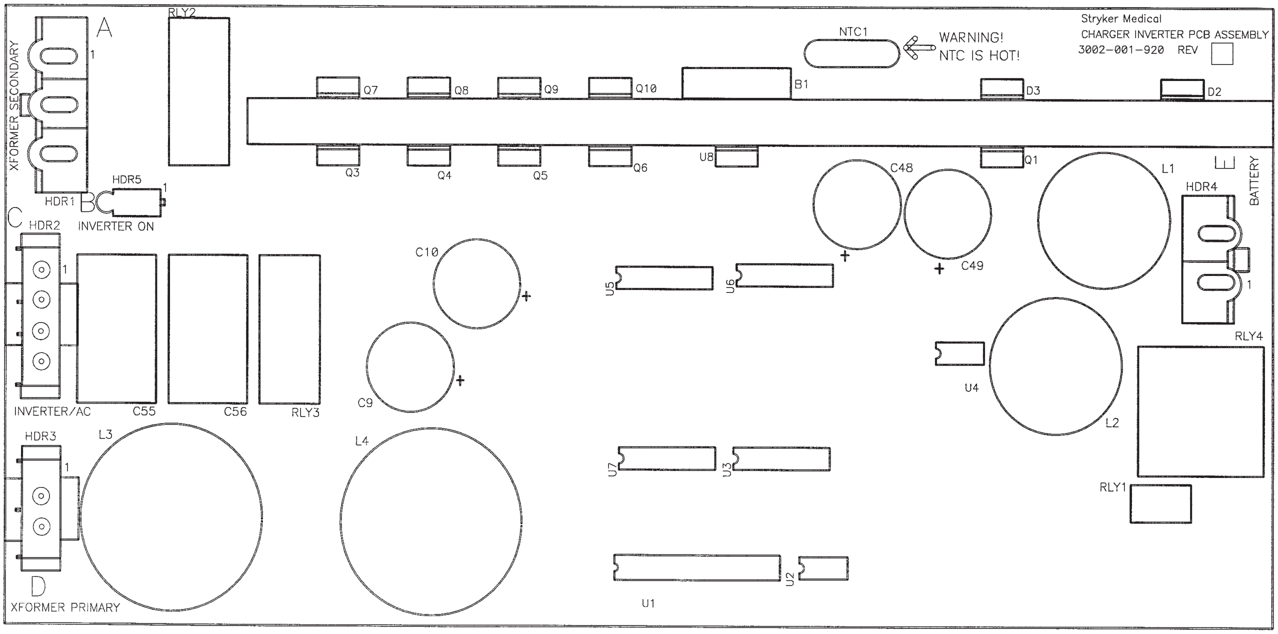
Zoom® Option Inverter/Charger Board - 3002-001-030


A
RLY2
1
XFORMER SECONDARY
NTC1
WARNING!
NTC IS HOT!
Stryker Medical
CHARGER INVERTER PCB ASSEMBLY
3002-001-920 REV
Q7
Q8
Q9
Q10
B1
D3
D2
Q3
Q4
Q5
Q6
U8
Q1
C48
L1
E
HDR4
BATTERY
1
HDR5
1
HDR1
B
C
HDR2
INVERTER ON
1
C10
U5
U6
C49
RLY4
C9
U4
L2
INVERTER/AC
C55
C56
RLY3
HDR3
L3
L4
1
U7
U3
RLY1
D
XFORMER PRIMARY
U2
U1

Connector Location	Voltage	Positive Lead	Negative Lead	Description
HDR 4	26VDC	Pin 2 Red	Pin 1 Black	From Battery - unplugged
HDR 1	22VAC	Pin 3 Red	Pin 2	Secondarys from transformer - plugged in
HDR 1	34VAC	Pin 1 Green	Pin 2 Brown	Secondarys from transformer - plugged in
HDR 2	110-140VAC	Pin 4 Brown	Inverter Module Pin 3 Blue	Unplugged
HDR 2	110V	Pin 2 Brown	Pin 1 Blue	From Wall - plugged in
HDR 3	120V	Pin 2	Plug-in Pin 1	Wall Voltage - plugged in

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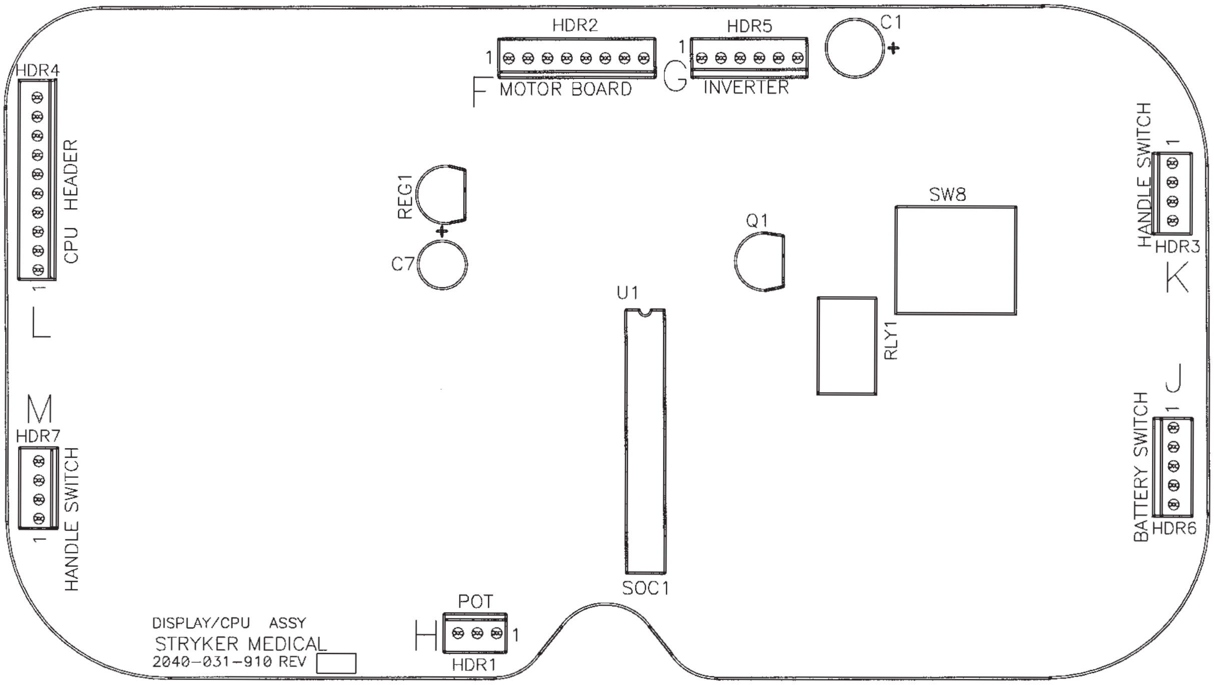
Zoom® Option Display/CPU - 2040-031-910


HDR2
1
F
MOTOR BOARD
HDR5
1
G
INVERTER
C1
HDR4
CPU HEADER
1
L
REG1
C7
Q1
SW8
U1
RLY1
HANDLE SWITCH
1
HDR3
K
J
BATTERY SWITCH
1
HDR6
M
HDR7
HANDLE SWITCH
1
SOC1
POT
H
HDR1
1
DISPLAY/CPU ASSY
STRYKER MEDICAL
2040-031-910 REV

Connector Location	Voltage	Positive Lead	Negative Lead	Description
HDR 1 (H)	0-5VDC	Pin 1	Pin 2	Control Potentiometer Wiper Voltage (with Switch On)
HDR 6 (j)	Battery voltage around 26VDC	Pin 1	Pin 5	Battery Voltage Return from On/ Off Switch (with Switch On)
HDR 4 (L)	5VDC	Pin 9	Pin 1	Voltage from CPU
HDR 1	5VDC	Pin 1	Pin 3	DC Voltage to Potentiometer
HDR 7	Continuity	Pin 1	Pin 4	Right Hand Switch
HDR 3	Continuity	Pin 1	Pin 4	Left Hand Switch
HDR 2	26VDC	Pin 3	Pin 1	Battery Voltage

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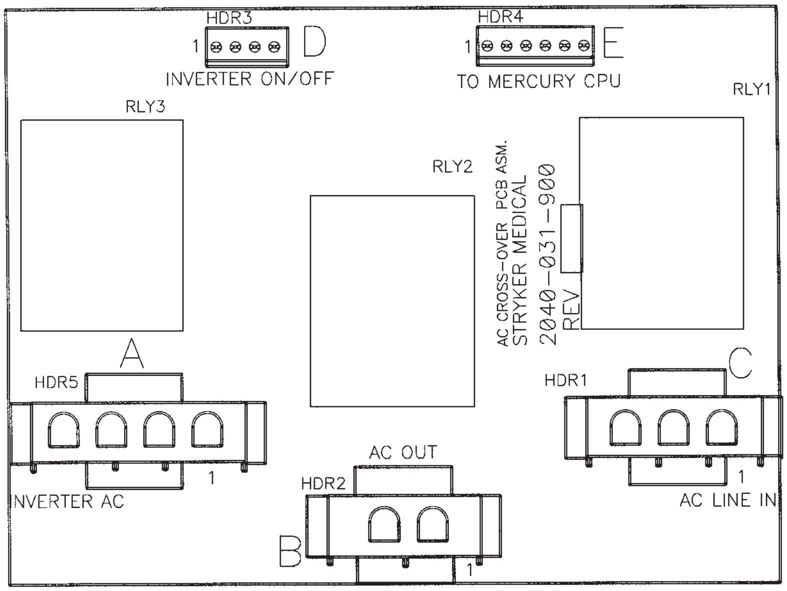
Zoom® Option AC Crossover Board - 2040-031-900


HDR3
1
D
INVERTER ON/OFF
HDR4
1
E
TO MERCURY CPU
RLY1
RLY3
RLY2
AC CROSS-OVER PCB ASM.
STRYKER MEDICAL
2040-031-900
REV
A
HDR5
C
HDR1
1
INVERTER AC
AC OUT
HDR2
1
AC LINE IN
B
1

Connector Location	Voltage	Positive Lead	Negative Lead	Description
HDR 5 (A)	120VAC	Pin 4	Pin 1	AC Input to Board from the Inverter with the Power Cord Unplugged
HDR 1 (C)	120VAC	Pin 3	Pin 1	AC Input to Board from the Wall Receptacle
HDR 2 (B)	120VAC	Pin 2	Pin 1	AC Output of Board to Main Power
HDR 4 (E)	+5VDC	Pin 4	Pin 1	+5VDC when AC is Unplugged from the Wall Receptacle

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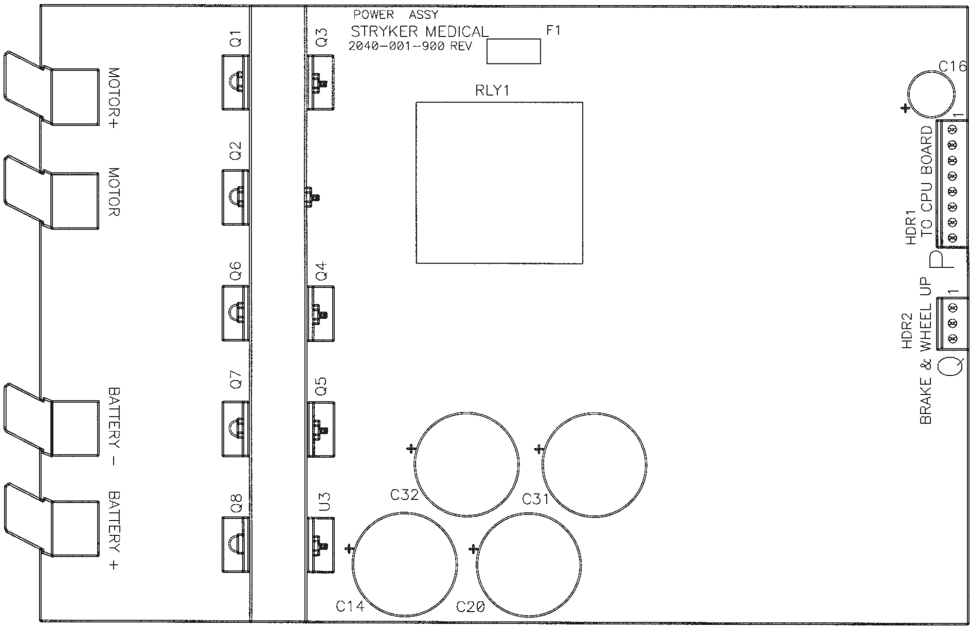
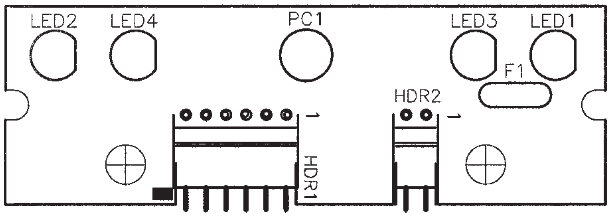
OPTIONAL DC MOTOR POWER BOARD - 2040-001-900


POWER ASSY
STRYKER MEDICAL
2040-001-900 REV
F1
RLY1
C16
1
HDR1
TO CPU BOARD
P
1
HDR2
BRAKE & WHEEL UP
Q
MOTOR+
MOTOR
BATTERY −
BATTERY +
Q1
Q2
Q6
Q7
Q8
Q3
Q4
Q5
U3
C32
C31
C14
C20

Connector Location	Voltage	Positive Lead	Negative Lead	Description
HDR 1 (P)	Battery voltage around 26VDC	Pin 3 Red	Pin 1 Black	Battery Voltage out to the Display/ CPU Board
HDR 2 (Q)	5VDC Disengaged 0VDC Engaged	Pin 1 Red	Pin 3 Black	Drive Wheel
HDR 2 (Q)	5VDC Disengaged 0VDC Engaged	Pin 2 Red	Pin 3 Black	Brakes

NIGHT LIGHT BOARD - 3002-310-900


LED2
LED4
PC1
LED3
LED1
F1
HDR2
1
1
HDR1

Connector Location	Negative Lead	Positive Lead	Voltage	Description
HDR 2	Pin 1	Pin 2	5VDC	Supply IN
HDR 1	Pin 1 HDR 2	Pin 2 Pin 4	5VDC	Output Voltage for Optional LED's

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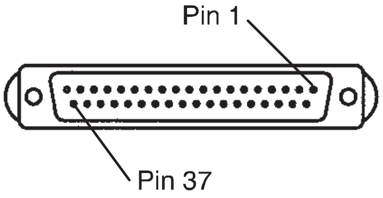
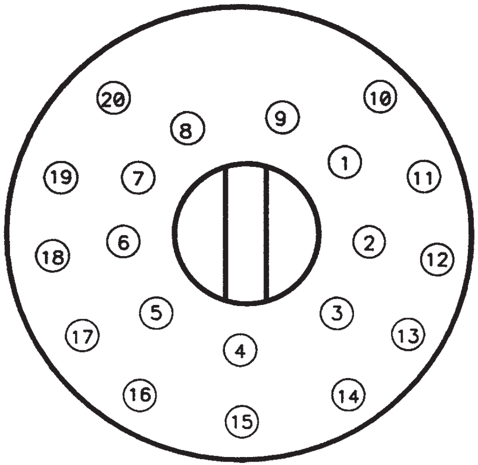
Head Wall Output Configuration

37-Pin Connector



Pin 1	Option 2 Common
Pin 2	Read Light
Pin 3	Room Light
Pin 4	Speaker High
Pin 5	Potentiometer Wiper
Pin 6	Radio Common
Pin 7	Nurse Call Interlock
Pin 8	Audio Transfer -
Pin 9	Audio Transfer +
Pin 10	Interlock +
Pin 11	Interlock -
Pin 12	Spare
Pin 13	Options 3 Common
Pin 14	Potentiometer Low Common
Pin 15	Potentiometer High Common (Std.)/Audio (STV)
Pin 16	Nurse Answer Light +
Pin 17	Option 1 NO/NC
Pin 18	Option 1 Common
Pin 19	Nurse Call Light +
Pin 20	Option 2 NO/NC
Pin 21	Option 3 NO/NC
Pin 22	Option 3A NO/NC
Pin 23	Option 2A Common
Pin 24	Option 2A NO/NC
Pin 25	Nurse Call +
Pin 26	Nurse Call NO/NC
Pin 27	Room/Read Light Common
Pin 28	Nurse Call Light -
Pin 29	Nurse Answer Light -
Pin 30	Priority NO/NC
Pin 31	Priority Common
Pin 32	Option 3A Common
Pin 33	TV - (Std.)/Data (STV)
Pin 34	TV + (Std.)/Common (STV)
Pin 35	Speaker Low Common
Pin 36	Audio Shield
Pin 37	Radio NO/NC

Stryker Pendant Port



1	Scan Line
2	Audio (-)
3	Nurse Call (+)
4	+5 VDC
5	Scan Line
6	Scan Line
7	Nurse Call (-)
8	TV Channel Up
9	Backlight
10	Audio (+)
11	Gatch Up/Fowler In/Foot Up/DMS Firm
12	Gatch Down/Fowler Out/Foot Out/DMS Soft
13	Fowler Up/Trend In
14	Fowler Down/Trend Out
15	Audio Shield
16	Not Used - Socket Filled
17	Bed Up
18	Ground
19	Read Light/Bed Down
20	Room Light

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Zoom® Option Inverter Protection Features

The inverter has several features to prevent internal damage:

1. Low Battery Voltage - If the battery voltage at the inverter drops below the low voltage cutoff, the inverter will shut off.
2. Over-Temperature - If the inverter gets too hot, it will shut off. The overheating may be caused by high ambient temperature, blocked air flow or an overload condition. When the inverter reaches an acceptable temperature, it will restart.
3. Over-Power - The inverter will source up to its maximum power rating. If the load requires more, the output voltage will shut down. Turning the power switch off and on will reset the inverter. Plugging the bed power cord into the wall socket to charge the battery will reset the inverter.

WARNING

The inverter generates 115VAC, the same as a wall receptacle. To prevent injury, do not put anything into the electrical outlets other than an appliance power cord. Keep the outlets covered when not in use. Do not submerge the unit or subject it to moisture.

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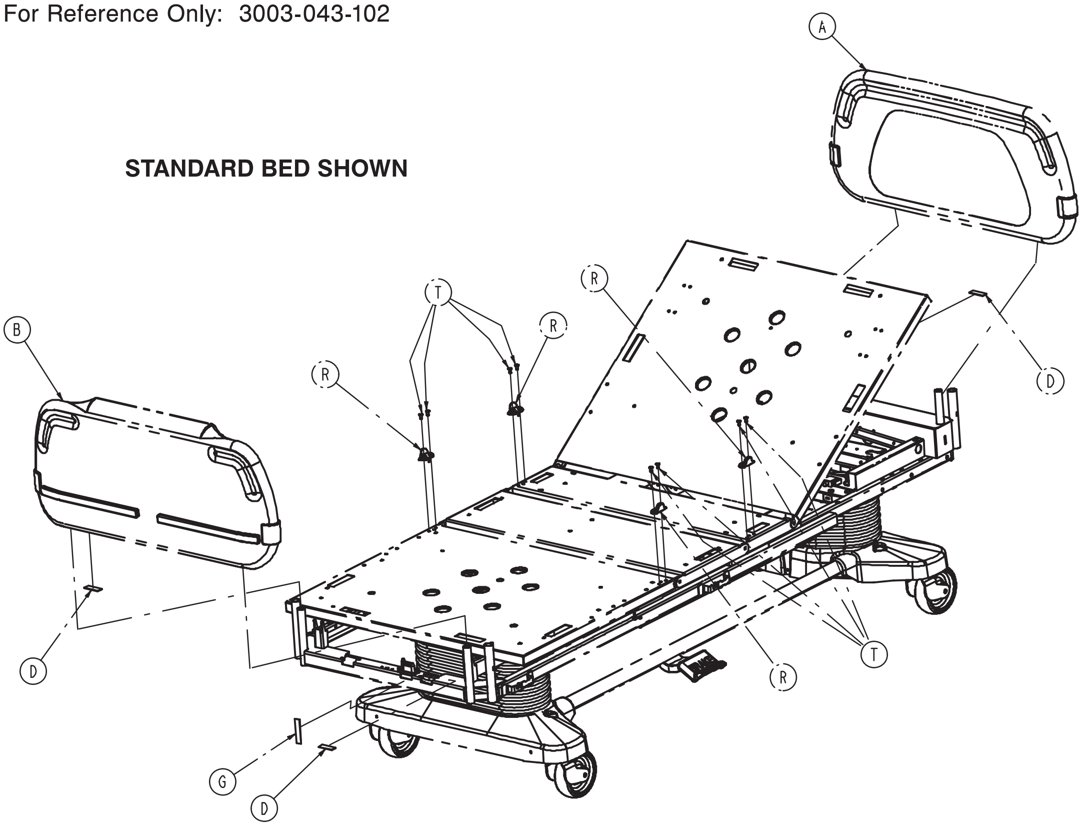
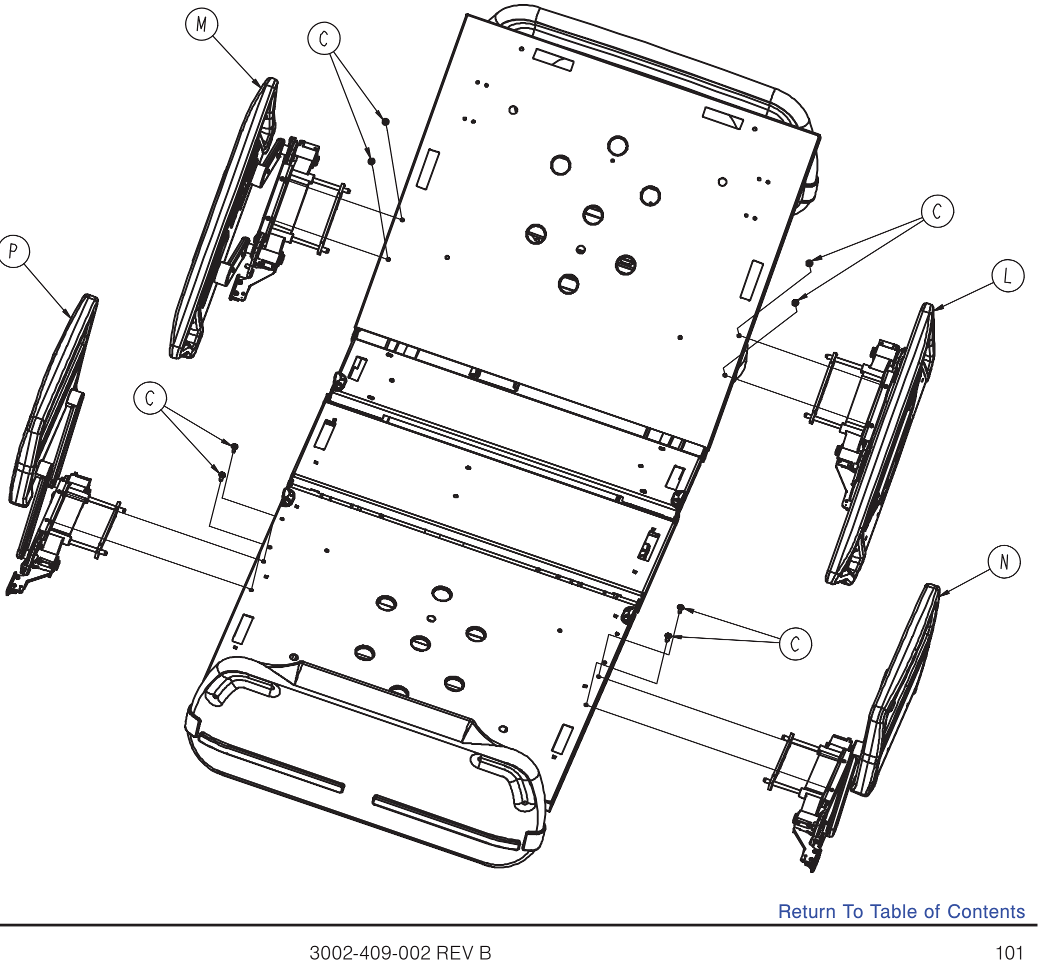
Secure II Assembly

For Reference Only: 3003-043-102


A
T
R
R
R
B
D
D
T
R
G
D

STANDARD BED SHOWN



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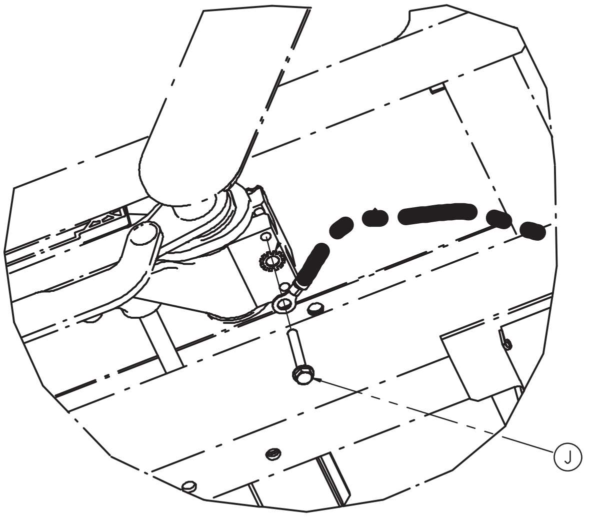
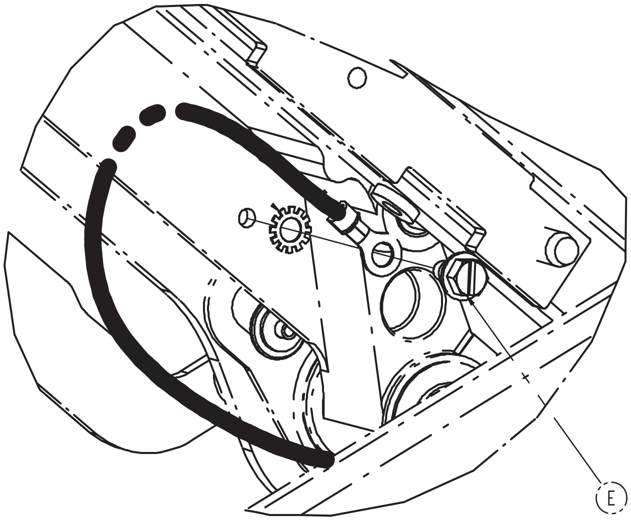
Secure II Bed Assembly



Foot End Siderail Ground Configuration



Head End Siderail Ground Configuration

Standard Length Bed Components - 3003-043-102 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-600-000	Head Board Assembly	1
B	3002-500-011	Foot Board Assembly	1
C	0007-065-000	Truss Hd. Screw	8
D	3000-300-625	Dom. Label	1
E	0003-221-000	Hex Washer Hd. Screw	2
F	3000-300-113	8” Cable Tie	10
G	3000-300-641	Foot Board Ground Label	1
H	3002-410-020	Night Light Assembly (Option)	1
J	0003-369-000	Hex Washer Head Screw	2
K	3003-343-002	Litter Assembly	1
L	3003-402-105	HE Siderail Ass’y, Std Components, LH	1
M	3003-402-205	HE Siderail Ass’y, Std Components, RH	1
N	3003-401-300	FE Siderail Ass’y, LH	1
P	3003-401-400	FE Siderail Ass’y, RH	1
R	3003-300-033	Mattress Retainer	4
T	0025-120-000	Rivet	8

8” Shorter Bed Components - 3003-042-102 - (Reference Only)

Item	Part No.	Part Name	Qty.
F	3000-300-113	8” Cable Tie	6
K	3003-300-002	Litter Assembly	1
R	3003-402-105	Lt. Hd. End Siderail Ass’y	1
T	3003-402-205	Rt. Hd. End Siderail Ass’y	1
U	3003-401-300	Lt. Ft. End Siderail Ass’y	1
V	3003-401-400	Rt. Ft. End Siderail Ass’y	1

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Zoom Option Bed Components - 3003-044-102 - (Reference Only)

item	Part No.	Part Name	Qty.
F	3000-300-113	8” Cable Tie	10
K	3003-300-002	Litter Assembly	1
L	3003-402-105	Lt. Hd. End Siderail Ass’y	1
M	3003-402-205	Rt. Hd. End Siderail Ass’y	1
N	3003-401-300	Lt. Ft. End Siderail Ass’y	1
P	3003-401-400	Rt. Ft. End Siderail Ass’y	1
R	3003-300-033	Mattress Retainer	4
T	0025-120-000	Pop Rivet	8
U	3002-031-113	Umbilical Cable Iso. Brkt.	1

Battery Backup Option Components - 3003-350-000 (Reference Only)

item	Part No.	Part Name	Qty.
F	3000-300-113	8” Cable Tie	10
K	3003-300-002	Litter Assembly	1
L	3003-402-105	Lt. Hd. End Siderail Ass’y	1
M	3003-402-205	Rt. Hd. End Siderail Ass’y	1
N	3003-401-300	Lt. Ft. End Siderail Ass’y	1
P	3003-401-400	Rt. Ft. End Siderail Ass’y	1
R	3003-300-033	Mattress Retainer	4
T	0025-120-000	Pop Rivet	8

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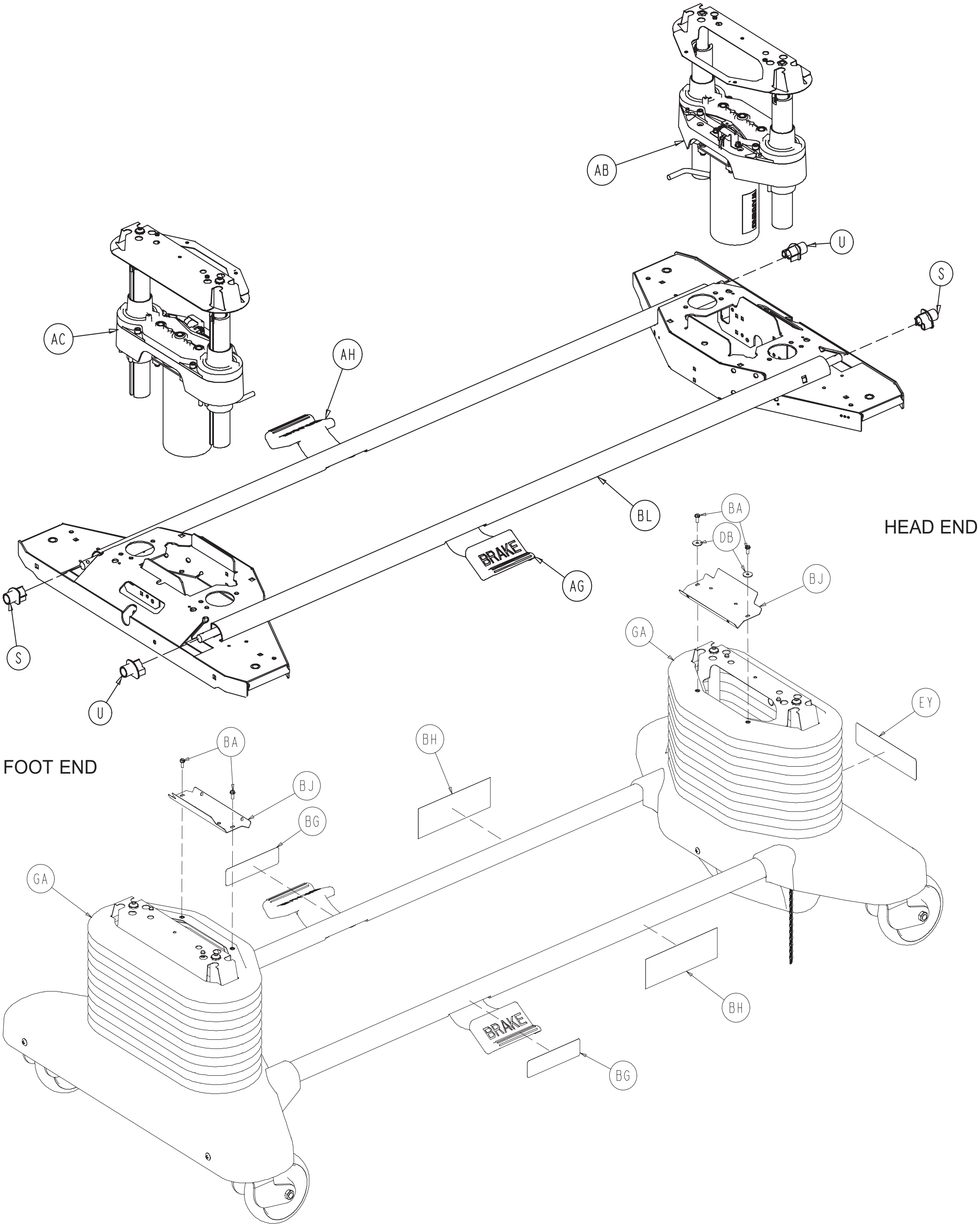
Base Assembly and Options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AH
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AG
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FOOT END
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BH
BG
BRAKE
BRAKE

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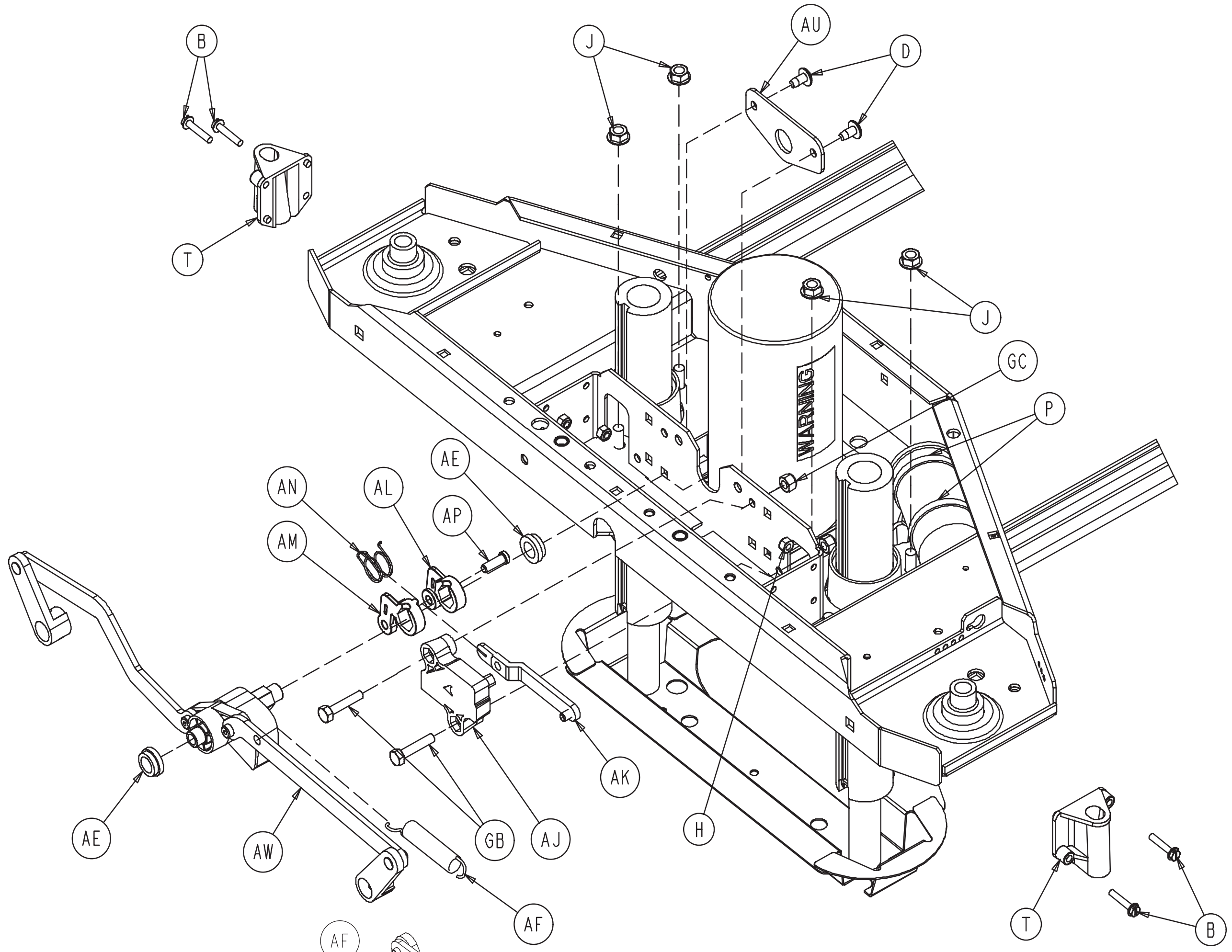
Base Assembly and Options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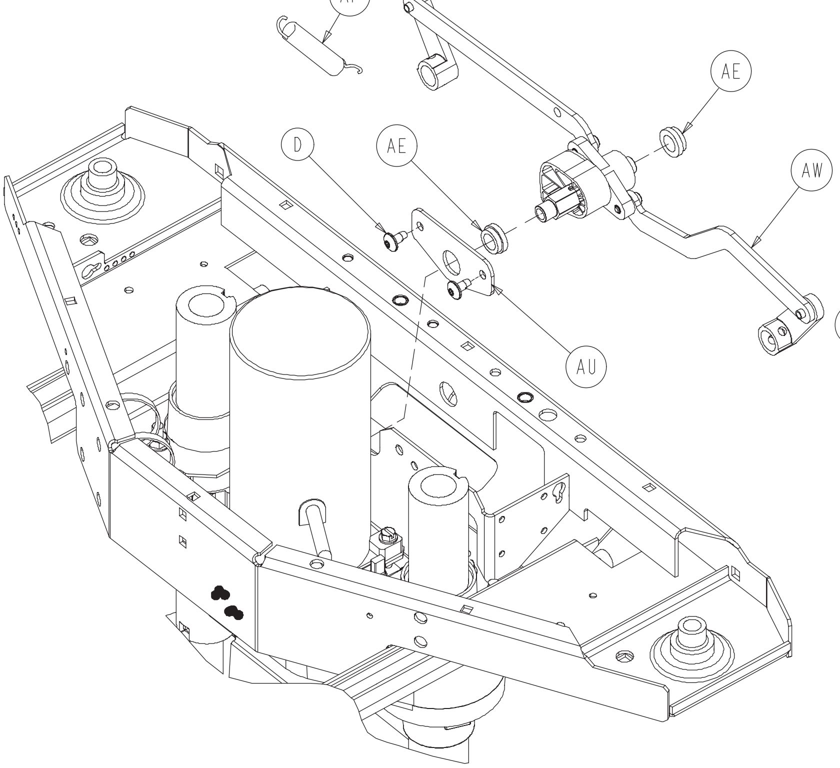
B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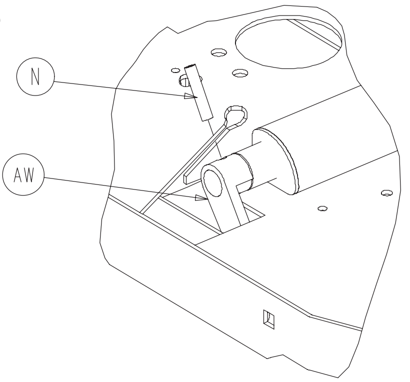

Installation of Roll Pin into Brake Shaft Crank Typical 4 Places

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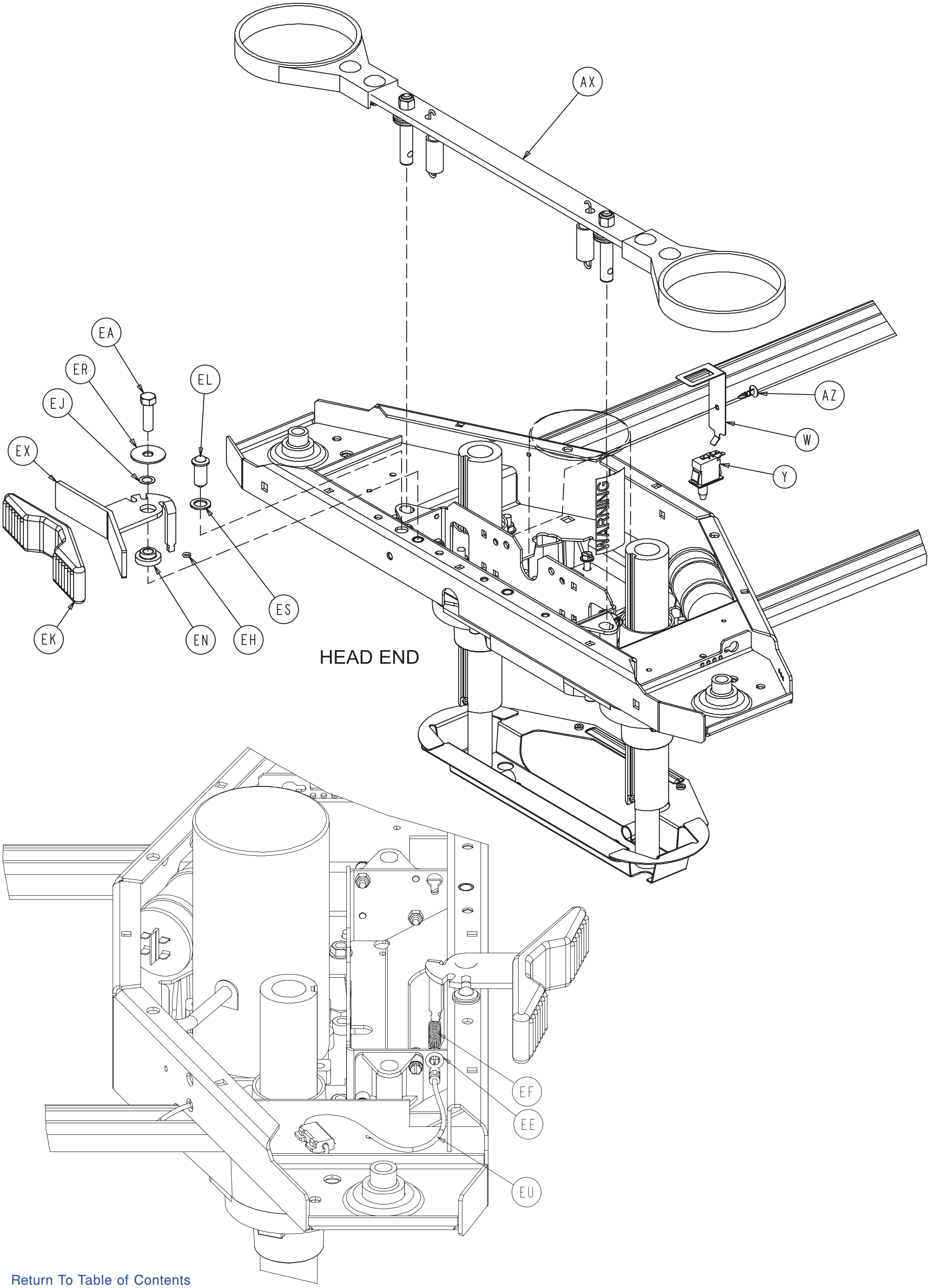
Base Assembly and Options


AX
EA
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EL
EJ
EX
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W
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EK
EN
EH
HEAD END
WARNING
EF
EE
EU

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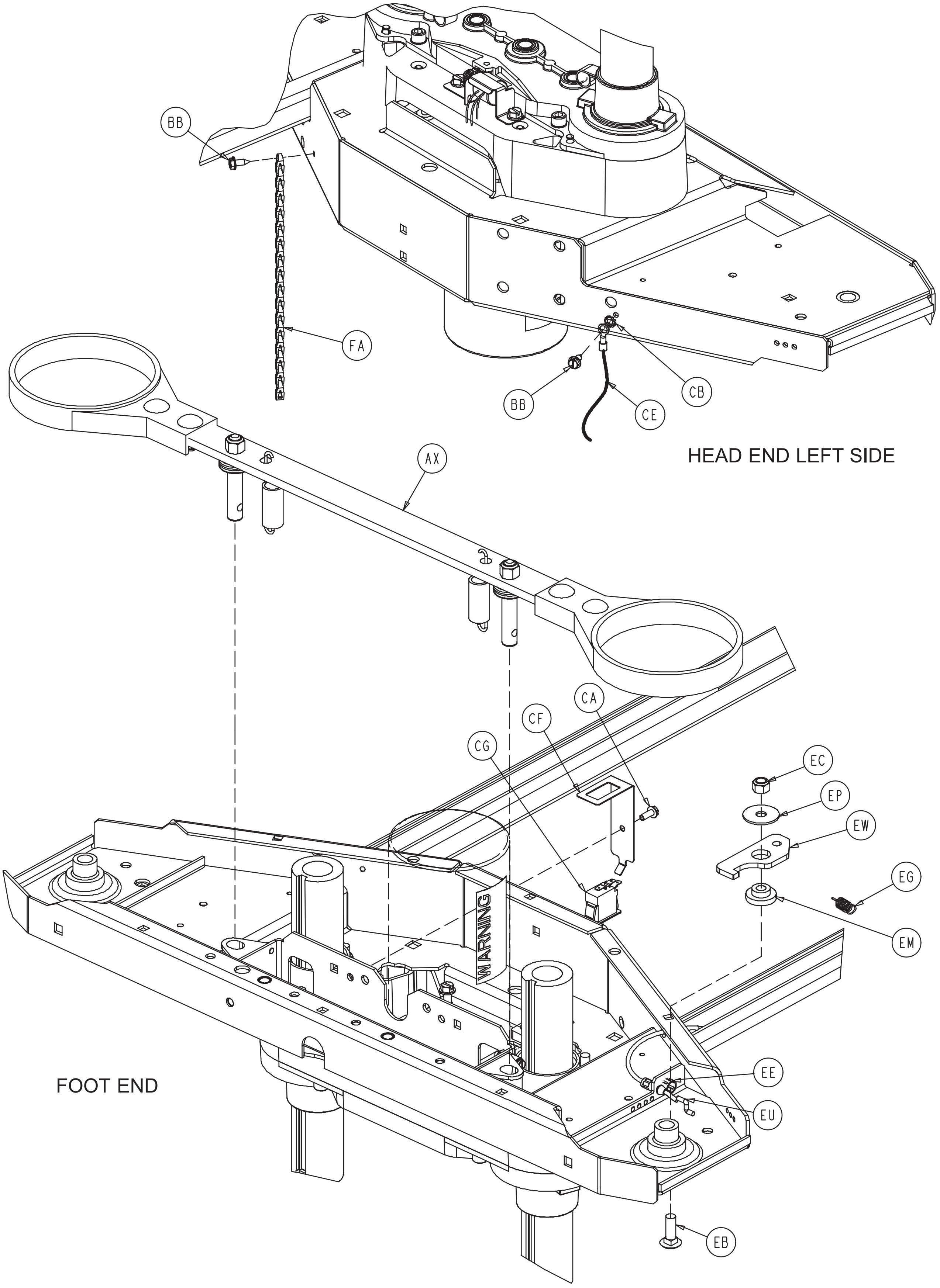
Base Assembly and Options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CE
CB
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CG
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EG
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FOOT END
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EU
EB

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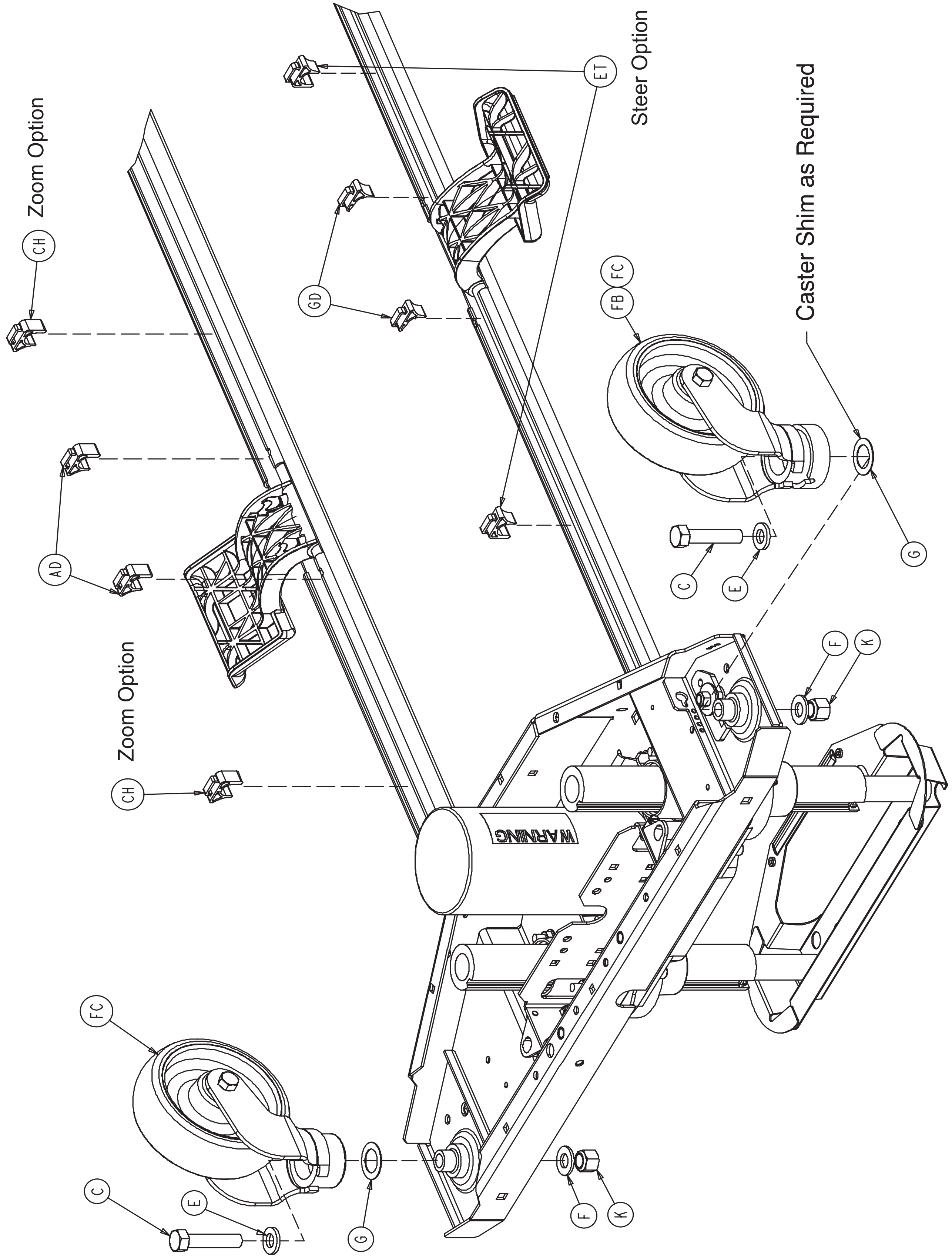
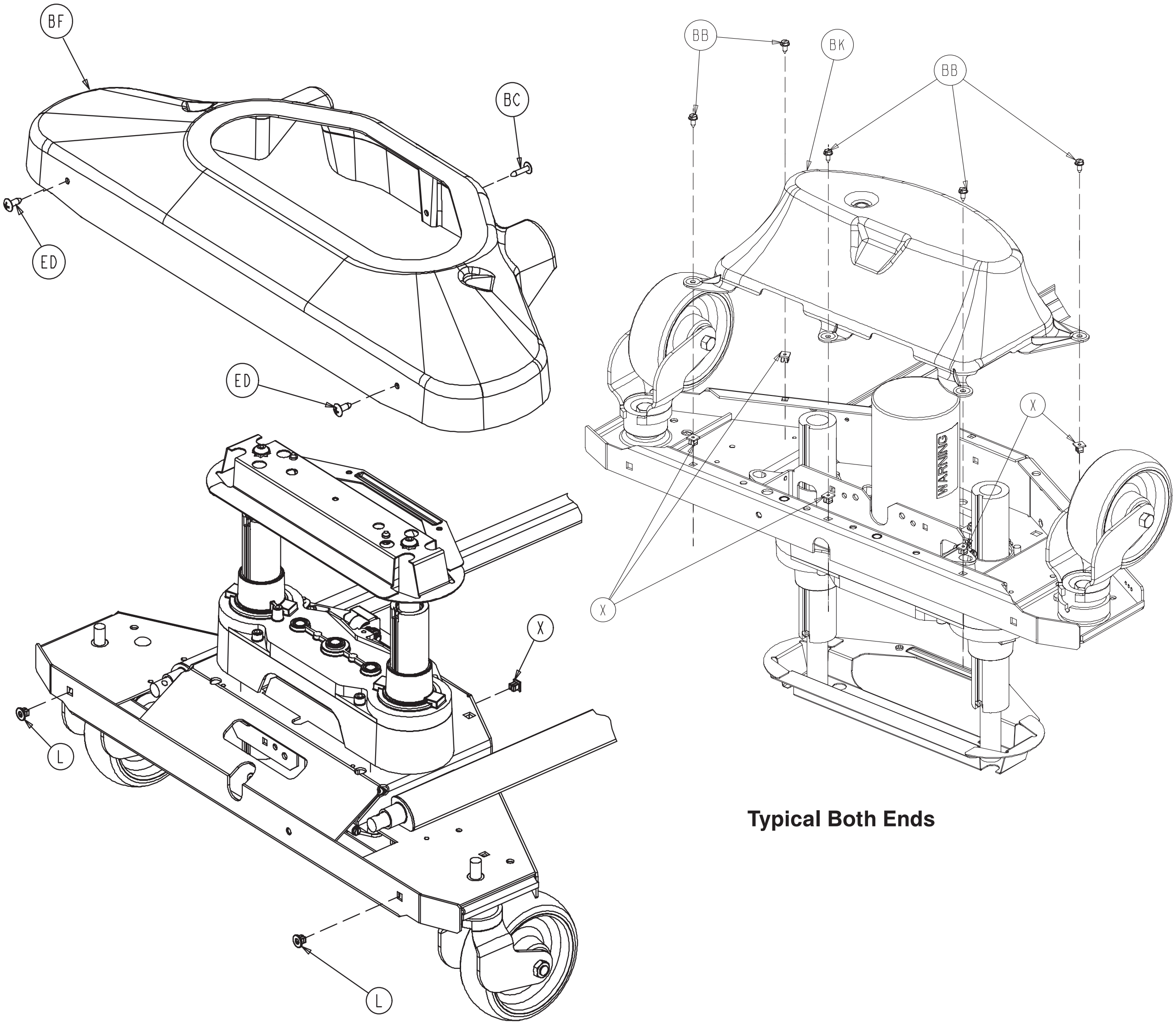
Base Assembly and Options


CH
Zoom Option
ET
Steer Option
Caster Shim as Required
GD
FB
FC
AD
CH
Zoom Option
G
C
E
F
K
WARNING
FC
C
E
G
F
K

Base Assembly and Options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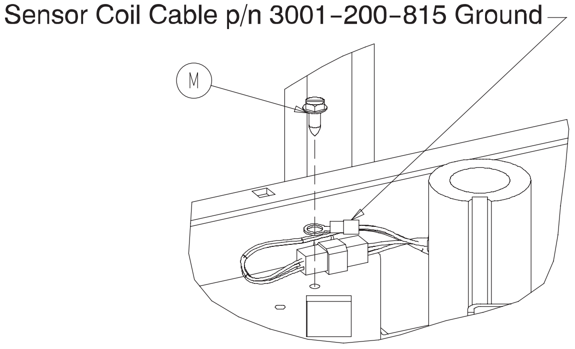
X
L
L
BB
BK
BB
X
X
WARNING

Typical Both Ends


Sensor Coil Cable p/n 3001-200-815 Ground
M

Typical Both Ends

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Base Assembly and Options

Base Assembly Common Components - 3002-200-003 (Reference Only)

Item	Part No.	Part Name	Qty.	**Item**	**Part No.**	**Part Name**	**Qty.**
B	0003-122-000	Hex Washer Hd. Screw	8	AC	3001-200-201	Foot End Lift Ass'y (pg.112)	1
D	0007-052-000	Truss Hd. Torx	4	AD	3001-200-306	Brake Pedal Shaft Bearing	4
E	0011-310-000	Washer	4	AE	3001-200-317	Brake Cam Shaft Bushing	4
G	0011-343-000	Washer	4	AF	3001-200-334	Brake Return Ext. Spring	2
H	0016-002-000	Nylock Nut	8	AG	3001-200-340	Brake Shaft Ass'y, Lt.(pg.117)	1
J	0016-098-000	Hex Flange Nut	8	AH	3001-200-345	Brake Shaft Ass'y, Rt.(pg.117)	1
K	0016-049-000	Nylock Jam Nut	4	AJ	3002-201-301	Brake Ratchet Track	1
L	0018-036-000	Plastic Clip Nut	4	AK	3002-200-302	Brake Ratchet Link Ass'y	1
M	0003-224-000	Hex Washer Hd. Screw	2	AL	3002-200-305	Brake Ratchet Crank, Lt.	1
N	0026-014-000	Roll Pin	4	AM	3002-200-306	Brake Ratchet Crank, Rt.	1
P	0038-151-000	Cable Tie	4	AN	3002-200-307	Brake Latch Spring	1
S	3000-200-305	Brake Shaft Bushing, Rt.	2	AP	3002-200-308	Brake Ratchet Crank Pin	1
T	3000-200-328	Brake Guide Bushing	4	AU	3002-200-314	Brake Mounting Bracket	2
U	3000-200-331	Brake Shaft Bushing, Lt.	2	AW	3002-201-330	Brake Crank Ass'y (pg.118)	2
W	3000-200-343	Brake Switch Bracket	1	AX	3002-200-335	Brake Bar Ass'y (pg.119)	2
X	3000-300-002	Plastic Clip Nut	10	AZ	3000-300-115	Stand-Off	1
Y	3000-300-058	Plunger Switch	1	GA	2025-000-101	Bellows	2
Z	3000-300-113	8" Cable Tie	6	GB	0003-074-000	Hex Hd. Bolt	2
AB	3001-200-201	Head End Lift Ass'y (pg.112)	1	GC	0016-028-000	Nylock Nut	2
				GD	3002-316-000	Steer Cable Retaining Clip	2

Base Assembly, Standard Secure Bed - 3002-243-003 (Reference Only)

Item	**Part No.**	**Part Name**	**Qty.**
C	0003-333-000	Hex Hd. Cap Screw	4
F	0011-333-000	Flat Washer	4
X	3000-300-002	Clip Nut	2
AB	3001-200-201	Head End Lift Assembly (pg.112)	1
AC	3001-200-201	Foot End Lift Assembly (pg.112)	1
BA	0003-224-000	Hex Washer Hd. Screw	4
BB	0023-025-000	Hex Washer Hd. Screw	13
BC	0023-080-000	Truss Hd. Screw	2
BF	3002-300-010	Uni-Pan Cover Assembly (pg.126)	2
BG	3000-200-601	Brake Pedal Label	2
BH	3000-200-602	Stryker Logo Label	2
BJ	3001-200-008	Bellows Bracket	2
BK	3001-200-022	Bottom Cover	2
BL	3002-200-102	Base Weldment	1

Base Assembly, Zoom Secure Bed - 3002-244-003 (Reference Only)

Item	**Part No.**	**Part Name**	**Qty.**
C	0003-204-000	Hex Hd. Cap Screw	4
AB	3001-200-201	Head End Lift Assembly (pg.112)	1
AC	3001-200-251	Foot End Lift Assembly (pg.112)	1
BL	3002-200-102	Base Weldment	1
CA	3000-300-115	Standoff	1
CB	0013-018-000	External Tooth Lock Washer	1
CE	2025-031-805	Ground Strap	1
CF	3000-200-343	Brake Switch Bracket	1
CG	3000-300-058	Switch Plunger	1
CH	3001-200-306	Brake Pedal Shaft Bearing	2

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Base Assembly and Options

Base Assembly, Steer Option - 3001-999-137 (Reference Only)

Item	Part No.	Part Name	Qty.
EA	0003-349-000	Hex Hd. Cap Screw	1
EB	0005-020-000	Carriage Bolt	1
EC	0016-036-000	Nylock Nut	1
ED	0023-092-000	Truss Phillips Hd. Screw	4
EE	0030-052-000	Snap Bushing	2
EF	0038-414-000	Pedal Extension Spring	1
EG	0038-416-000	Lever Extension Spring	1
EH	0045-008-000	O-Ring	1
EJ	0052-305-000	Brass Flat Washer	1
EK	3000-200-336	Steer Pedal	1
EL	3000-200-337	Push Fit Ball Plunger	1
EM	3000-200-339	Steer Lock Lever Bushing	1
EN	3000-200-341	Steer Pedal Bushing	1
EP	3000-200-347	Special Washer	1
ER	3000-200-348	Special Wide Washer	1
ES	3000-200-349	Special Narrow Washer	1
ET	3001-200-306	Brake Pedal Shaft Bearing	2
EU	3001-200-342	Steer Cable Assembly	1
EW	3001-200-370	Steer Lock Lever	1
EX	3001-200-371	Steer Pedal Arm	1
EY	5000-090-013	Steer Label	1

Base Assembly, 6” Caster Option - 3001-999-138 (Reference Only)

Item	Part No.	Part Name	Qty.
FA	3001-200-052	6” Ground Chain	2
FB	3001-200-050	6” Steer Caster Assembly	1
FC	3001-200-060	6” Caster Assembly	3

Base Assembly, 8” Caster Option - 3001-999-139 (Reference Only)

Item	Part No.	Part Name	Qty.
FA	3001-200-054	8” Ground Chain	2
FB	3001-200-080	8” Steer Caster Assembly	1
FC	3001-200-090	8” Caster Assembly	3
FD	2025-001-047	Caster Cover, Right	4
FE	2025-001-048	Caster Cover, Left	4

Zoom Base Assembly, 6” Caster Option - 3002-999-138 (Reference Only)

Item	Part No.	Part Name	Qty.
FA	3001-200-052	6” Ground Chain	2
FC	3001-200-060	6” Caster Assembly	4

Zoom Base Assembly, 8” Caster Option – 3002–999–139 (Reference Only)

Item	Part No.	Part Name	Qty.
FA	3001-200-054	8” Ground Chain	2
FC	3001-200-090	8” Caster Assembly	4
FD	2025-001-047	Caster Cover, Right	4
FE	2025-001-048	Caster Cover, Left	4

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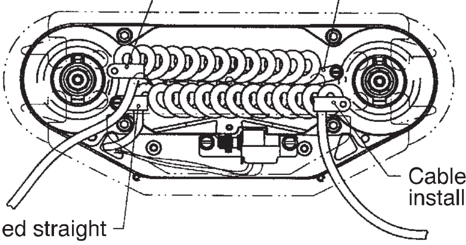
Lift Assembly (Head and Foot End)

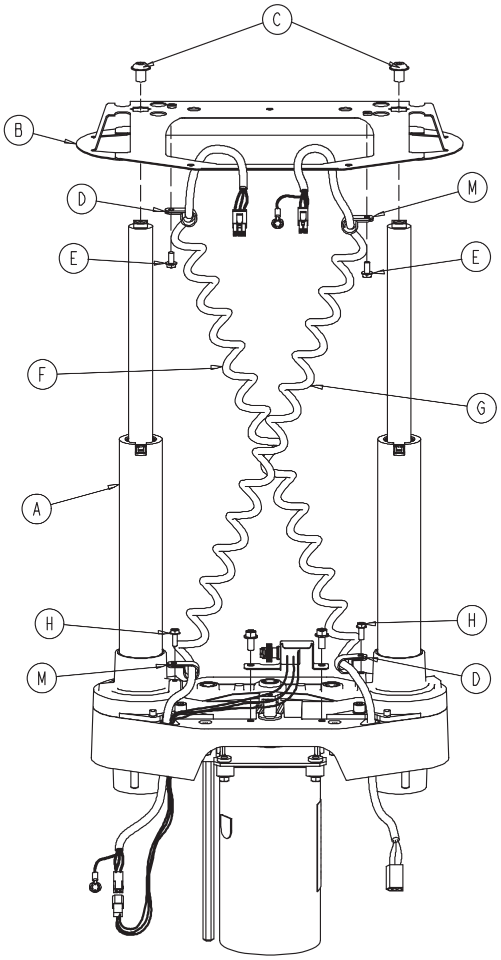


Cable Clamp on Bellows Bracket to be installed straight.

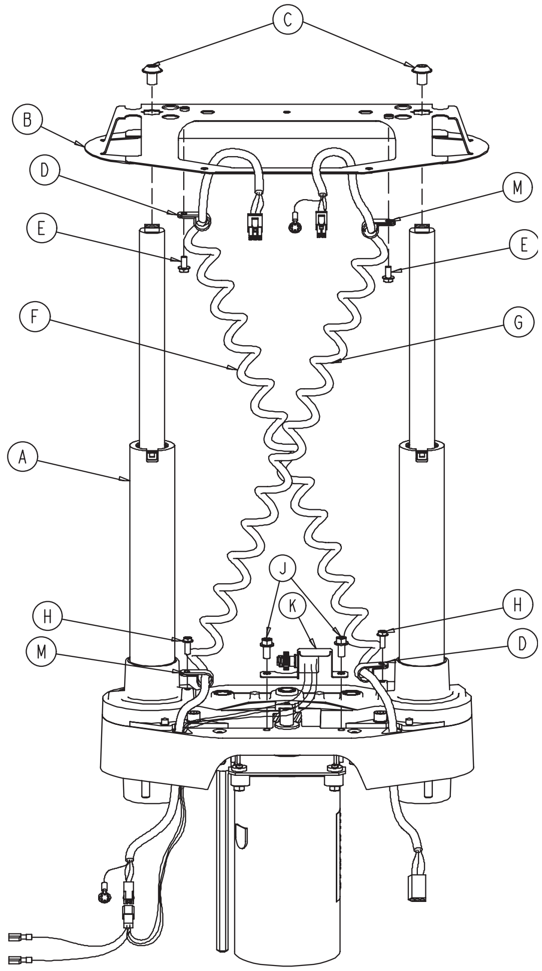
Cable Clamp on Lift Housing to be installed at angle

Cable Clamp on Bellows Bracket to be installed straight.

Cable Clamp on Lift Housing to be installed straight



FOOT END: 3001-200-251



HEAD END: 3001-200-201

Item	Part No.	Part Name	Qty.
A	3000-200-275	Common Lift Assembly	1
B	3000-200-052	Bellows Bracket	1
C	0004-338-000	Button Head Cap Screw	2
D	0034-022-000	Cord Clamp	2
E	0003-106-000	Hex Washer Hd. Screw	2
F	3001-200-864	Power Coil Cord	1
G	3001-200-815	Sensor Coil Cord	1
H	0003-128-000	Hex Washer Hd. Screw	2
J	0003-121-000	Hex Washer Hd. Screw	2
K	3001-200-240	Head End Potentiometer. Ass'y	1
	3001-200-230	Foot End Potentiometer. Ass'y	1
M	0034-381-000	Cord Clamp	2

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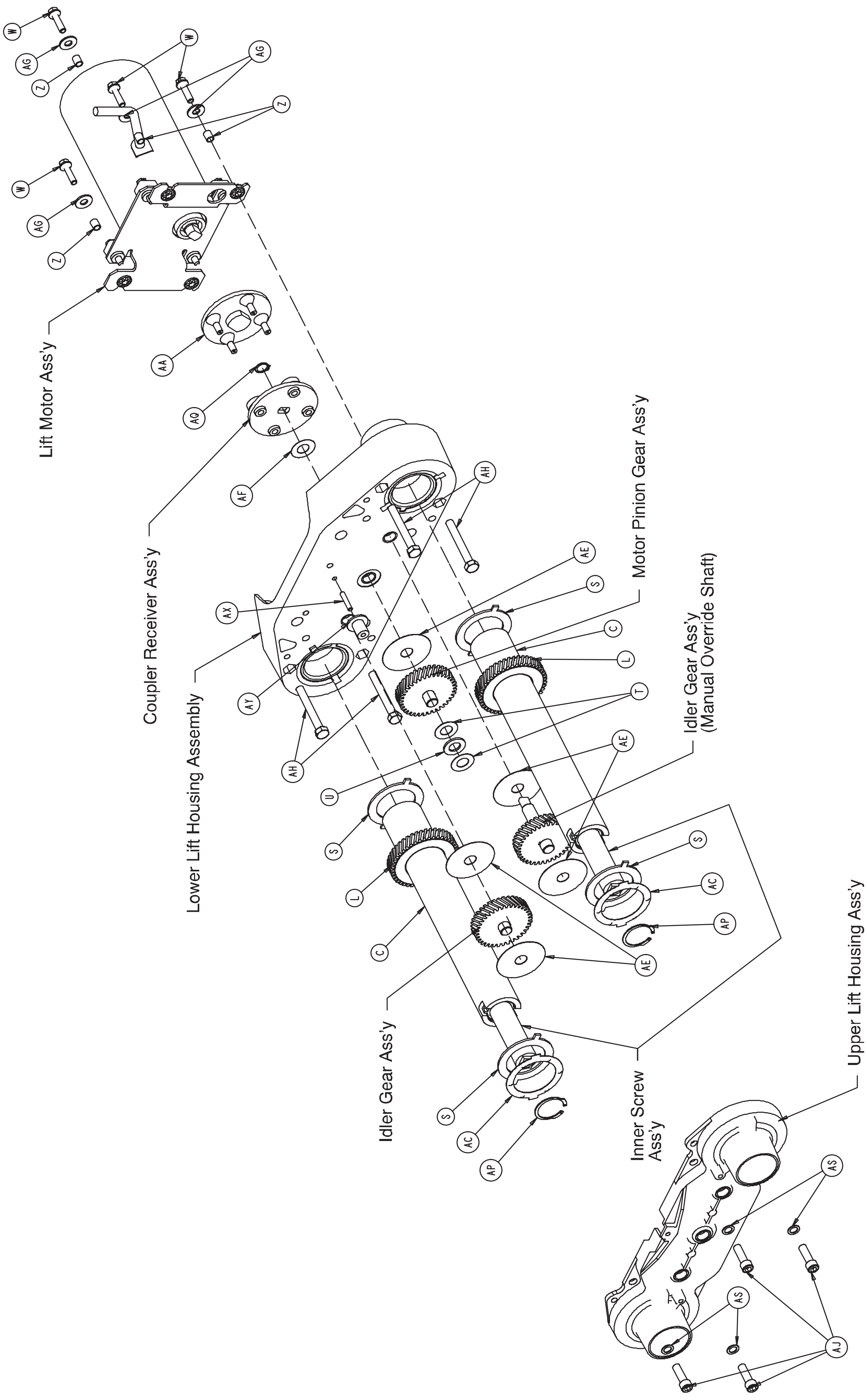
Lift Assembly (Common) - 3000-200-275



W
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Z
Lift Motor Ass'y
AA
AQ
AF
Coupler Receiver Ass'y
Lower Lift Housing Assembly
AX
AY
AH
AH
Motor Pinion Gear Ass'y
AE
S
C
L
T
Idler Gear Ass'y (Manual Override Shaft)
U
S
L
C
AE
S
AC
AP
AE
Idler Gear Ass'y
S
AC
AP
Inner Screw Ass'y
Upper Lift Housing Ass'y
AS
AS
AJ

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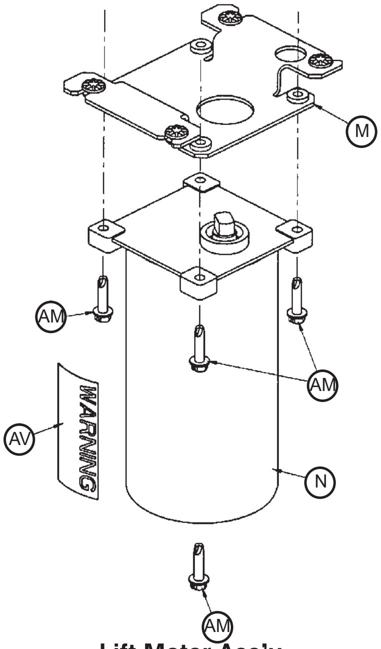
Lift Assembly (Common) - 3000-200-275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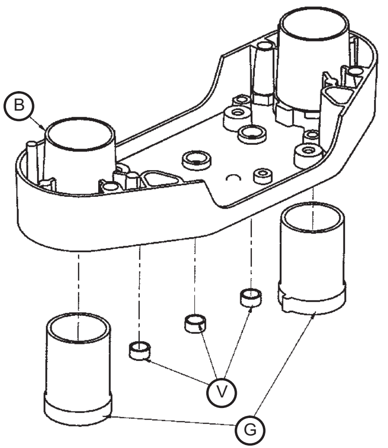
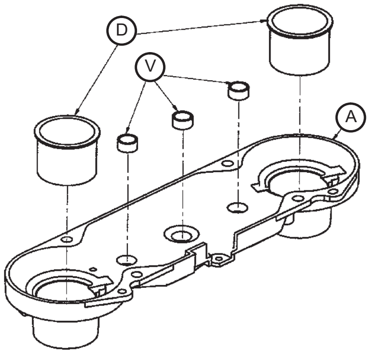
N
AM

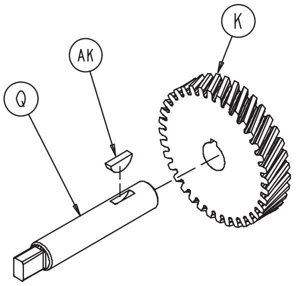
Lift Motor Ass'y



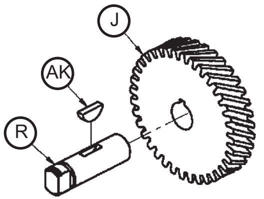
Lower Lifh Housing Ass'y



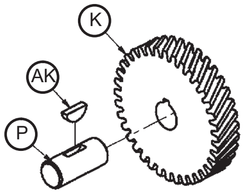
Upper Lift Housing Ass'y



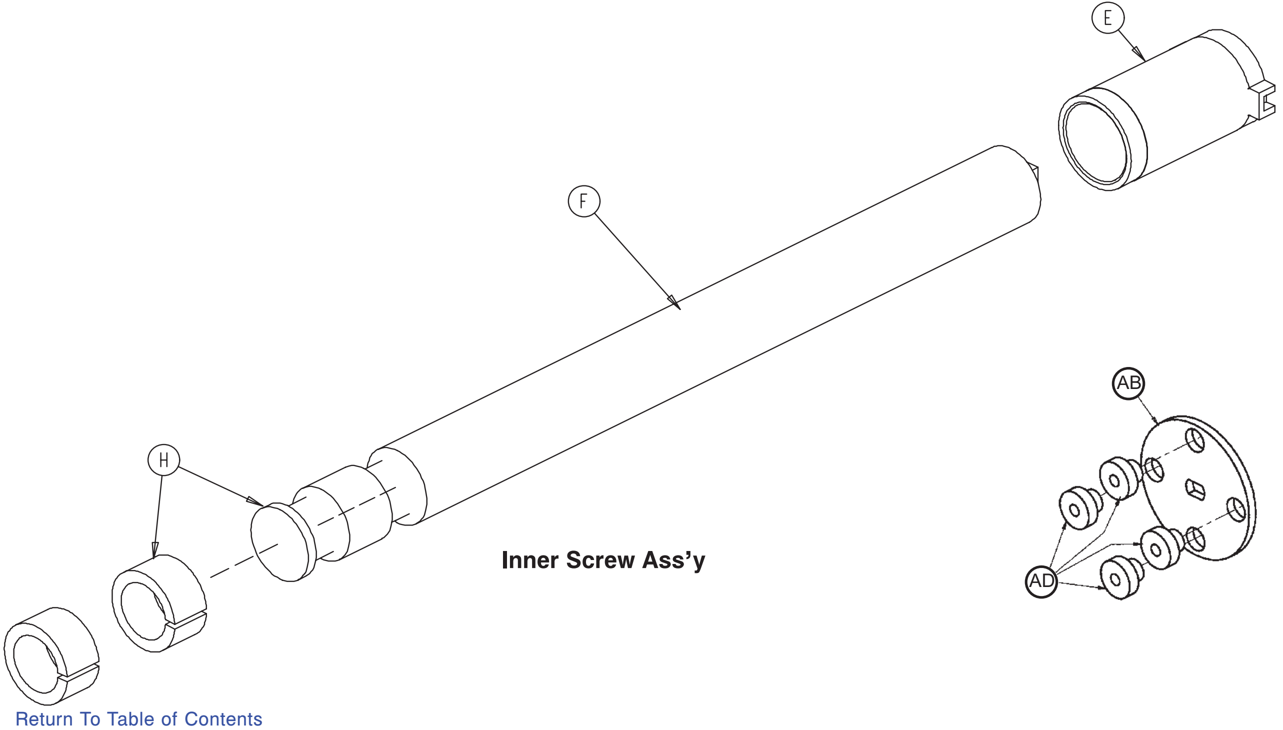
Idler Gear Ass'y
(Manual Override Shaft)



Motor Pinion
Gear Ass'y



Idler Gear Ass'y



Inner Screw Ass'y

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Lift Assembly (Common) - 3000-200-275

Item	Part No.	Part Name	Qty.
A	3000-200-201	Upper Lift Housing	1
B	3000-200-202	Lower Lift Housing	1
C	3000-200-251	Outer Screw	2
D	3000-200-204	Upper Housing Sleeve	2
E	3000-200-205	Upper Stage Nut	2
F	3000-200-249	Inner Screw	2
G	3000-200-207	Lower Stage Nut	2
H	3000-200-208	Glide Bushing	4
J	3000-200-209	Motor Pinion Gear	1
K	3000-200-210	Idler Gear	2
L	3000-200-252	Output Gear	2
M	3000-200-723	Motor Isolation Plate Ass'y (pg.116)	1
N	3000-200-213	Lift Motor	1
	3221-200-213	230V Lift Motor	1
P	3000-200-218	Idler Shaft, Lift	1
Q	3002-200-235	Idler Man. Over. Shaft	1
R	3000-200-220	Input Pinion Shaft	1
S	3000-200-223	Output Gear Thr. Washer	4
T	3000-200-224	Input Gear Thr. Washer	2
U	0081-212-000	Thrust Needle Roller Brg.	1
V	3000-200-226	Pinion Shaft Bushing	6
W	3001-200-228	Mounting Standoff	4
Z	3001-300-019	Isolation Sleeve	4
AA	3000-200-233	Lift Motor Coupler	1
AB	3000-200-234	Coupler Receiver	1
AC	3000-200-241	Crush Washer	2
AD	3000-300-455	Isolation Bushing	4
AE	3000-200-245	Gear Washer	5
AF	3000-200-246	Nylon Washer	1
AG	0011-408-000	Flat Washer	4
AH	0003-082-000	Hex Hd. Cap Screw	4
AJ	0004-213-000	Soc. Hd. Cap Screw	4
AK	0058-044-000	Woodruff Key	3
AM	0003-331-000	Hex Washer Hd. Screw	4
AP	0028-121-000	Retaining Ring	2
AQ	0028-097-000	Retaining Ring	1
AS	0011-308-000	Serrated Belleville Washer	4
AV	3000-300-604	Warning Label	1
AX	3000-200-239	Potentiometer Drive Gear Shaft	1
AY	3000-200-216	Potentiometer Drive Gear	1

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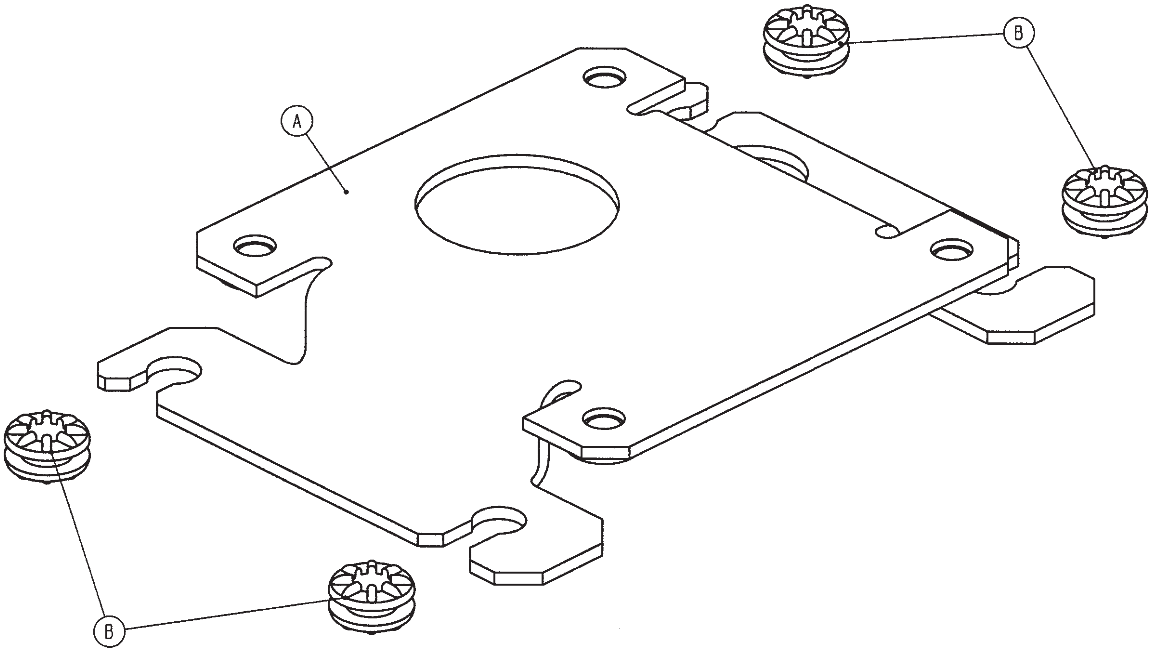
Motor Isolation Plate Assembly - 3000-200-723

For Reference Only: 3001-200-214



Item	Part No.	Part Name	Qty.
A	3001-200-213	Isolation Plate	1
B	3000-300-442	Grommet	4

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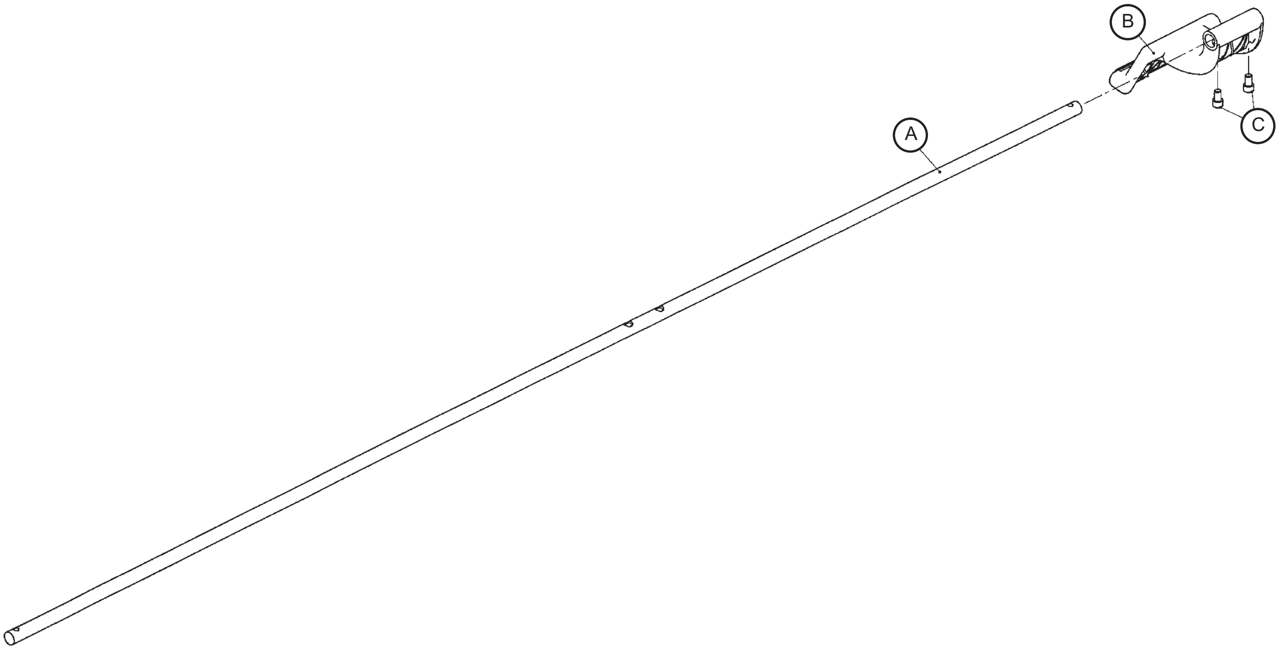
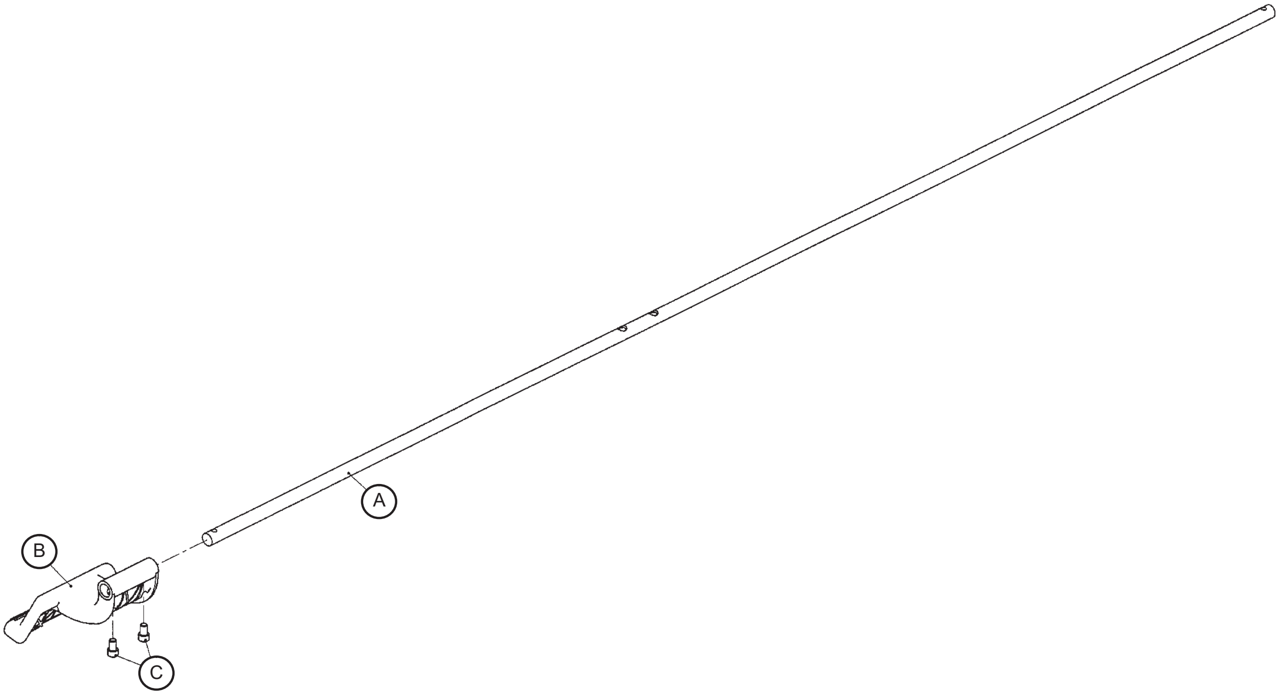
Brake Shaft Assembly, Left - 3001-200-340



Brake Shaft Assembly, Right - 3001-200-345



Item	Part No.	Part Name	Qty.
A	3000-200-314	Brake Shaft	1
B	3001-200-325	Brake Pedal	1
C	0004-270-000	Soc. Hd. Cap Screw	2

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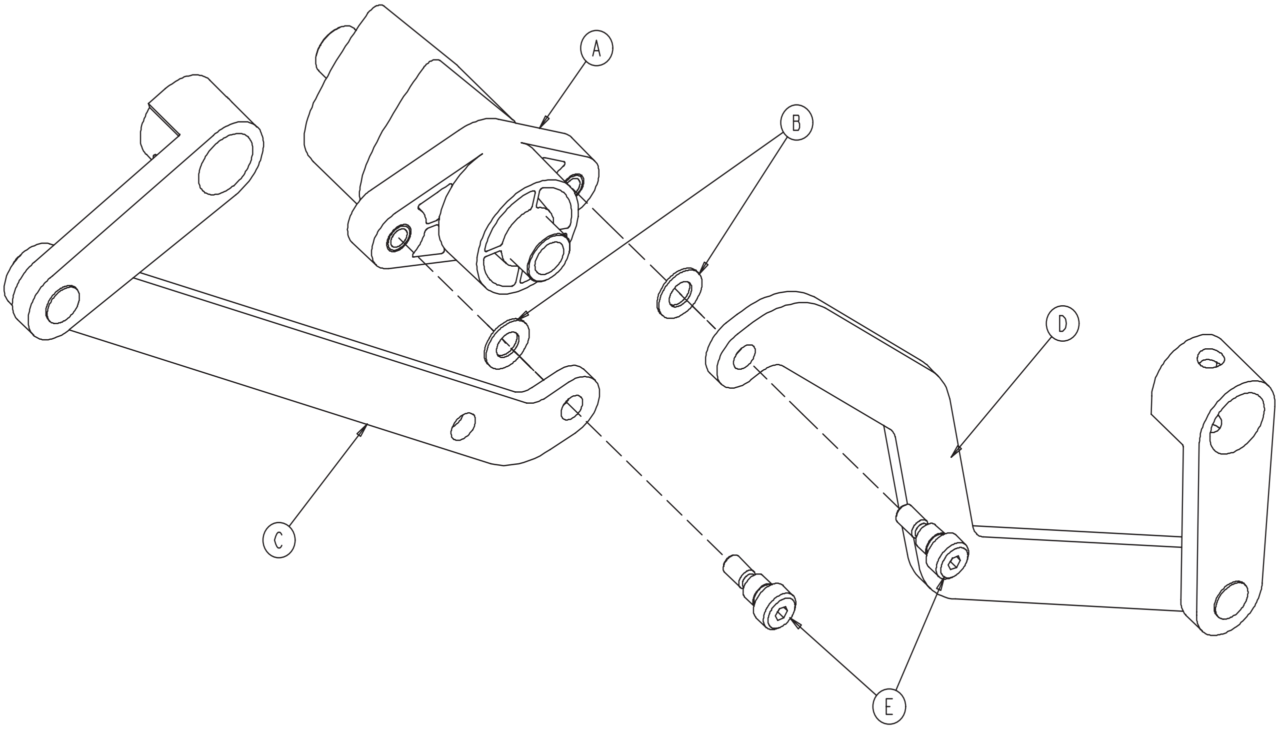
Brake Crank Assembly - 3002-201-330



Item	Part No.	Part Name	Qty.
A	3002-201-309	Brake Cam Shaft Crank	1
B	0014-004-000	Washer	2
C	3002-200-331	Brake Link	1
D	3002-200-332	Dog Leg Brake Link	1
E	0002-108-000	Socket Hd. Shoulder Screw	2

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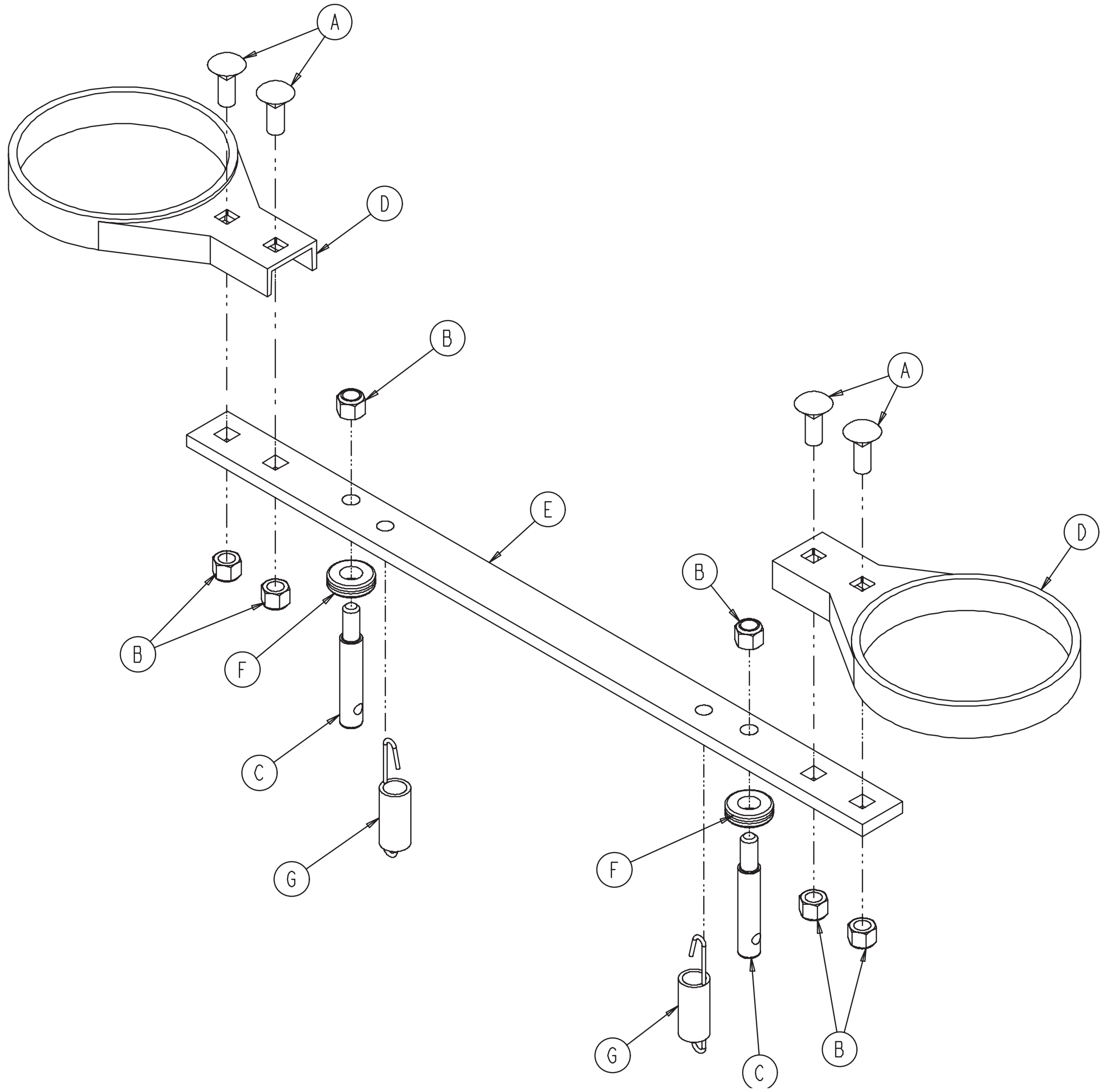
Brake Bar Assembly - 3002-200-335



Item	Part No.	Part Name	Qty.
A	0005-018-000	Carriage Bolt	2
B	0016-035-000	Nylock Hex Nut	4
C	3000-200-318	Guide Pin	2
D	3000-200-321	Brake Ring	2
E	3003-200-323	Brake Bar	1
F	3000-200-324	Brake Bar Bumper	2
G	3002-200-310	Brake Bar Return Spring	2

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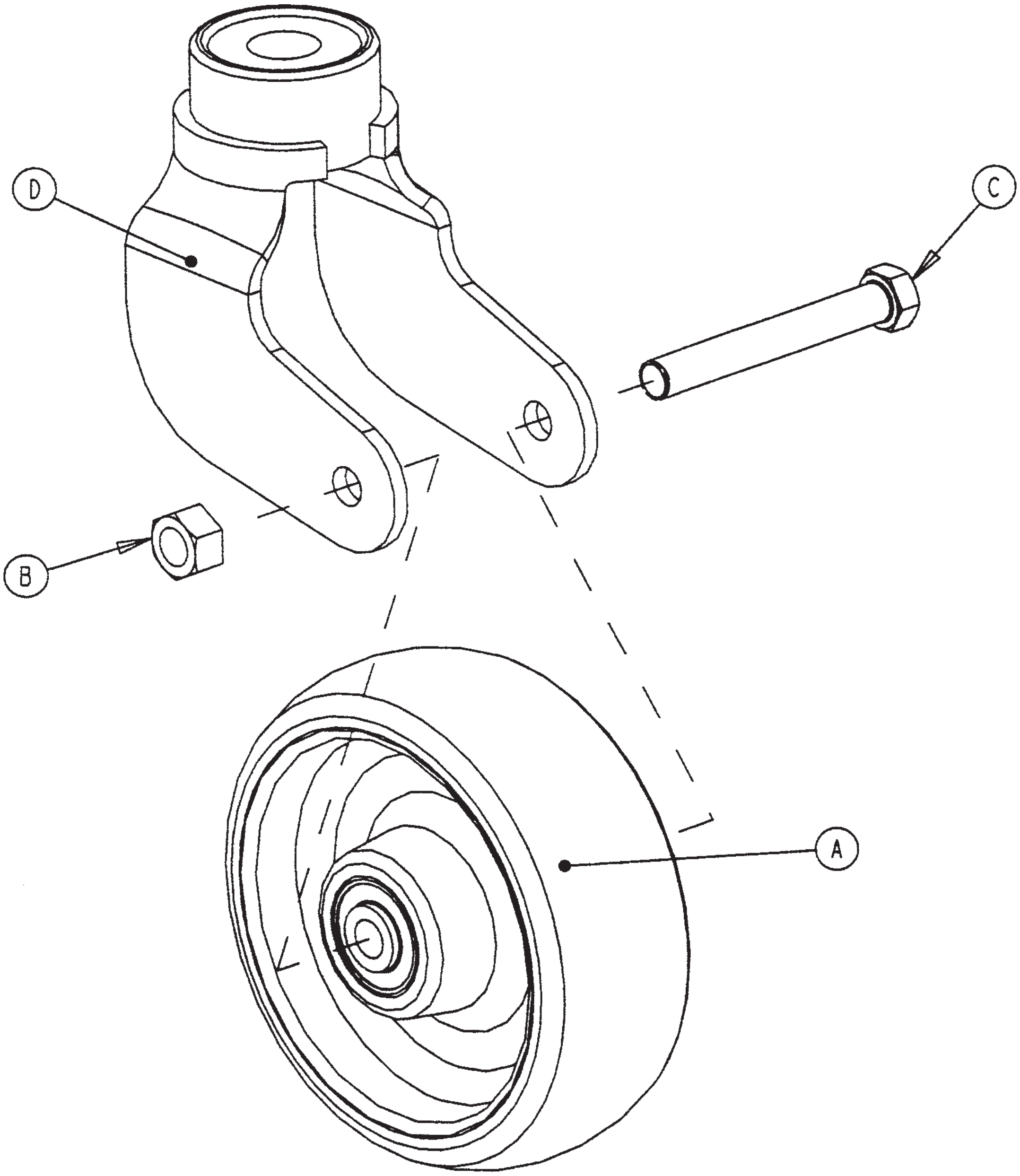
6" Caster Assembly - 3001-200-060



Item	Part No.	Part Name	Qty.
A	5000-002-010	Wheel Assembly (pg.122)	1
B	0016-060-000	Lock Nut	1
C	0003-342-000	Hex Hd. Cap Screw	1
D	3001-200-061	Caster Horn w/Bearing	1

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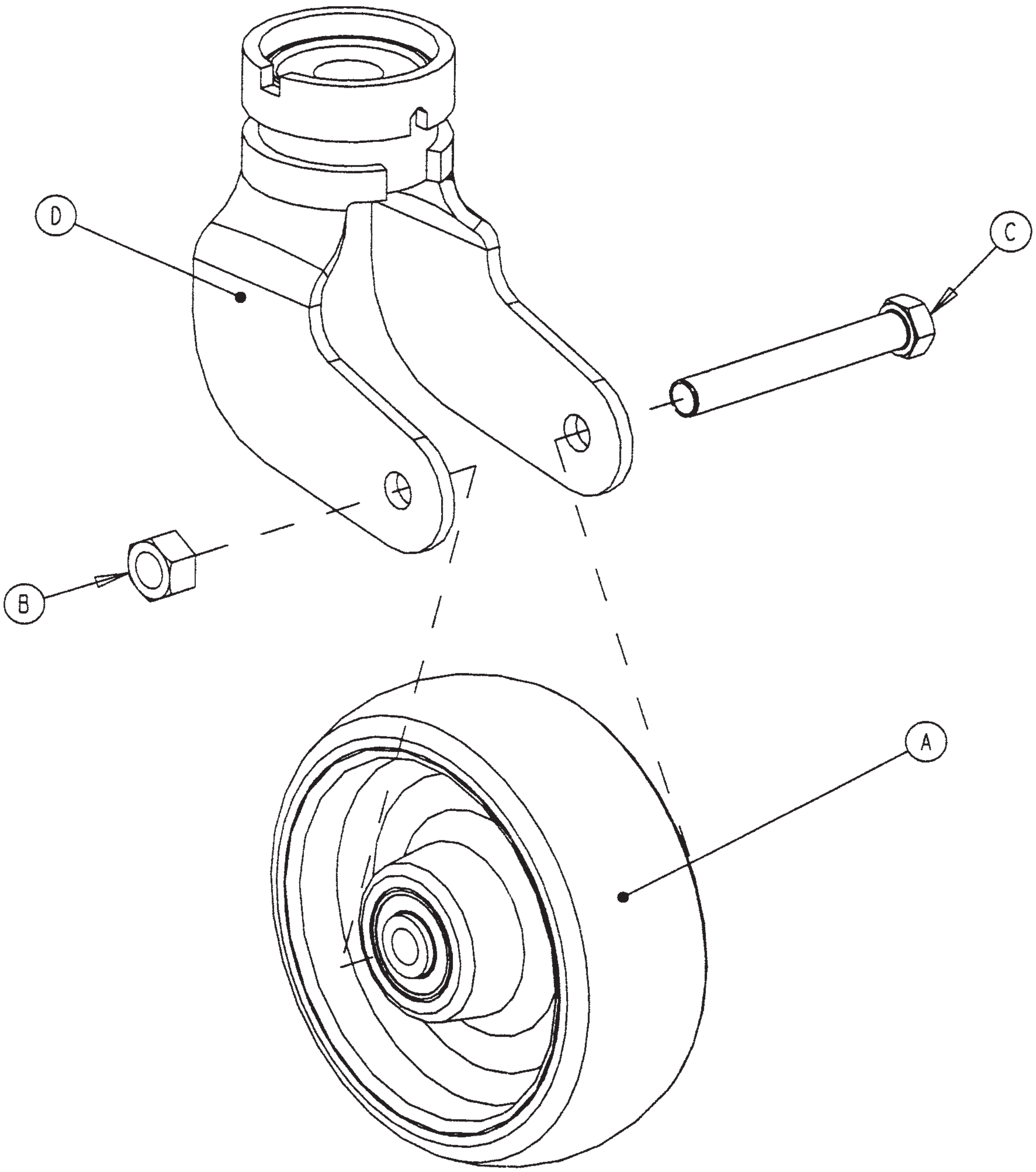
6” Steer Caster Assembly - 3001-200-050



Item	Part No.	Part Name	Qty.
A	5000-002-010	Wheel Assembly (pg.122)	1
B	0016-060-000	Lock Nut	1
C	0003-342-000	Hex Hd. Cap Screw	1
D	3001-200-051	Steer Caster Horn w/Bearing	1

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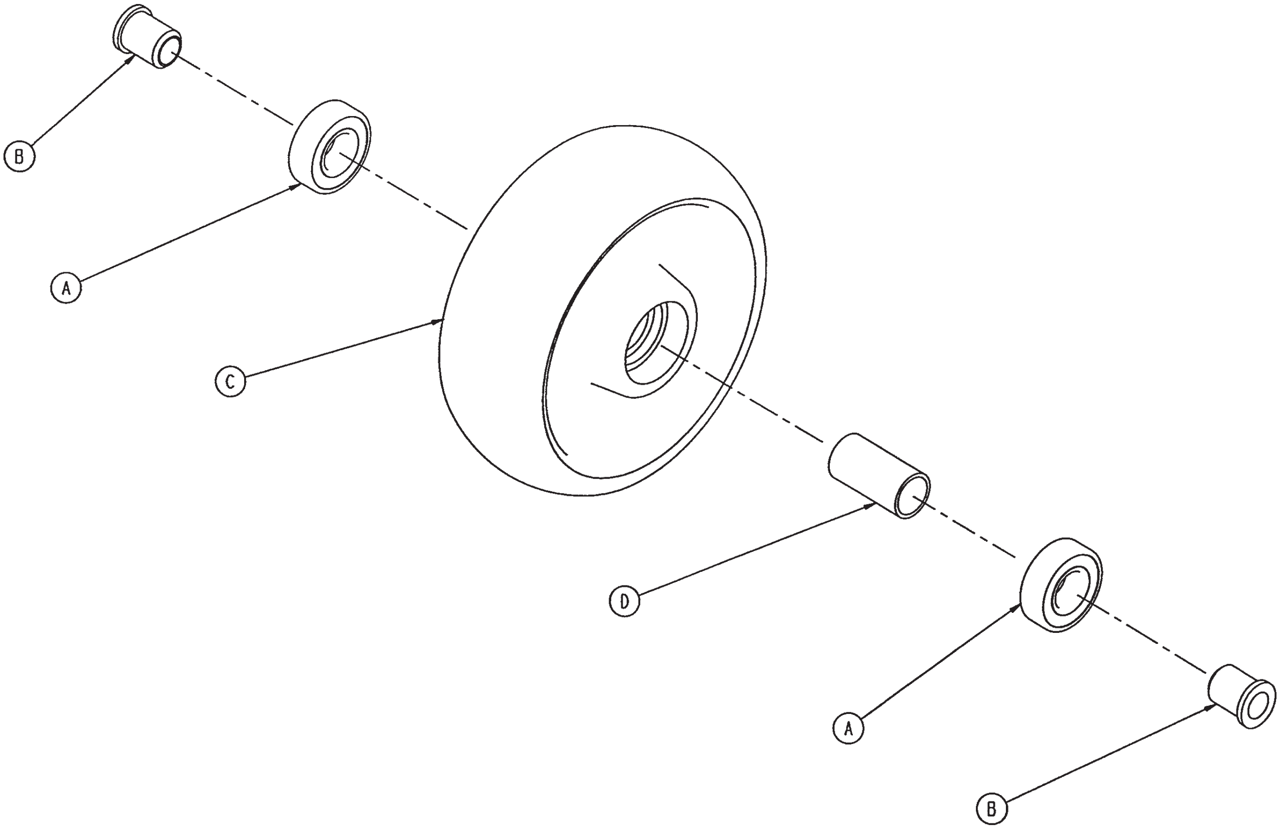
6” Molded Wheel Assembly - 5000-002-010



Item	Part No.	Part Name	Qty.
A	0081-226-000	Bearing	2
B	0715-001-255	Wheel Bushing	2
C	5000-002-020	Molded Wheel	1
D	6060-002-046	Bearing Spacer	1

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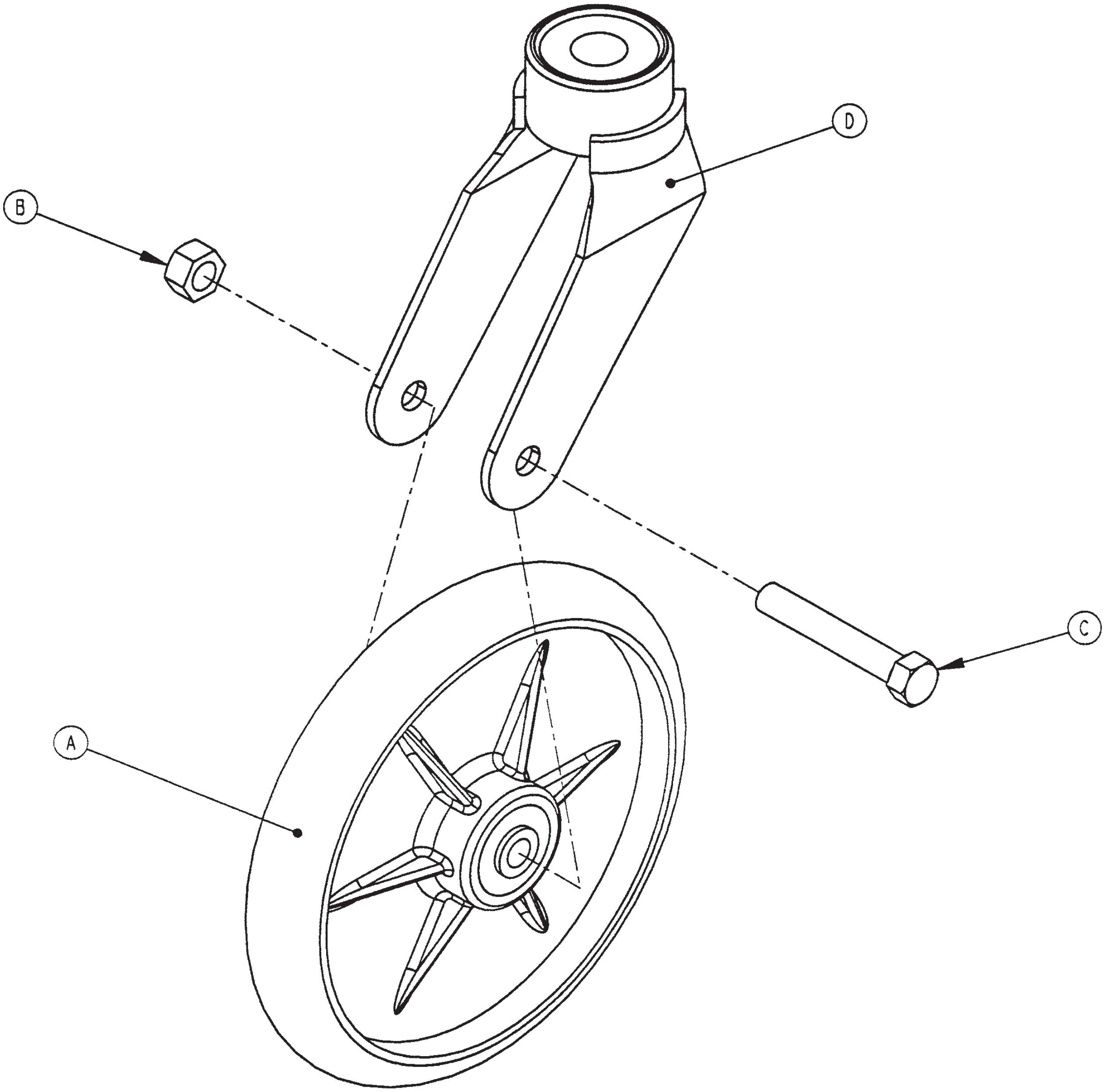
Optional 8” Caster Assembly - 3001-200-090



Item	Part No.	Part Name	Qty.
A	0715-002-025	Wheel Assembly (pg.125)	1
B	0016-060-000	Hex Nut	1
C	0003-099-000	Hex Hd. Cap Screw	1
D	3001-200-076	Caster Horn	1

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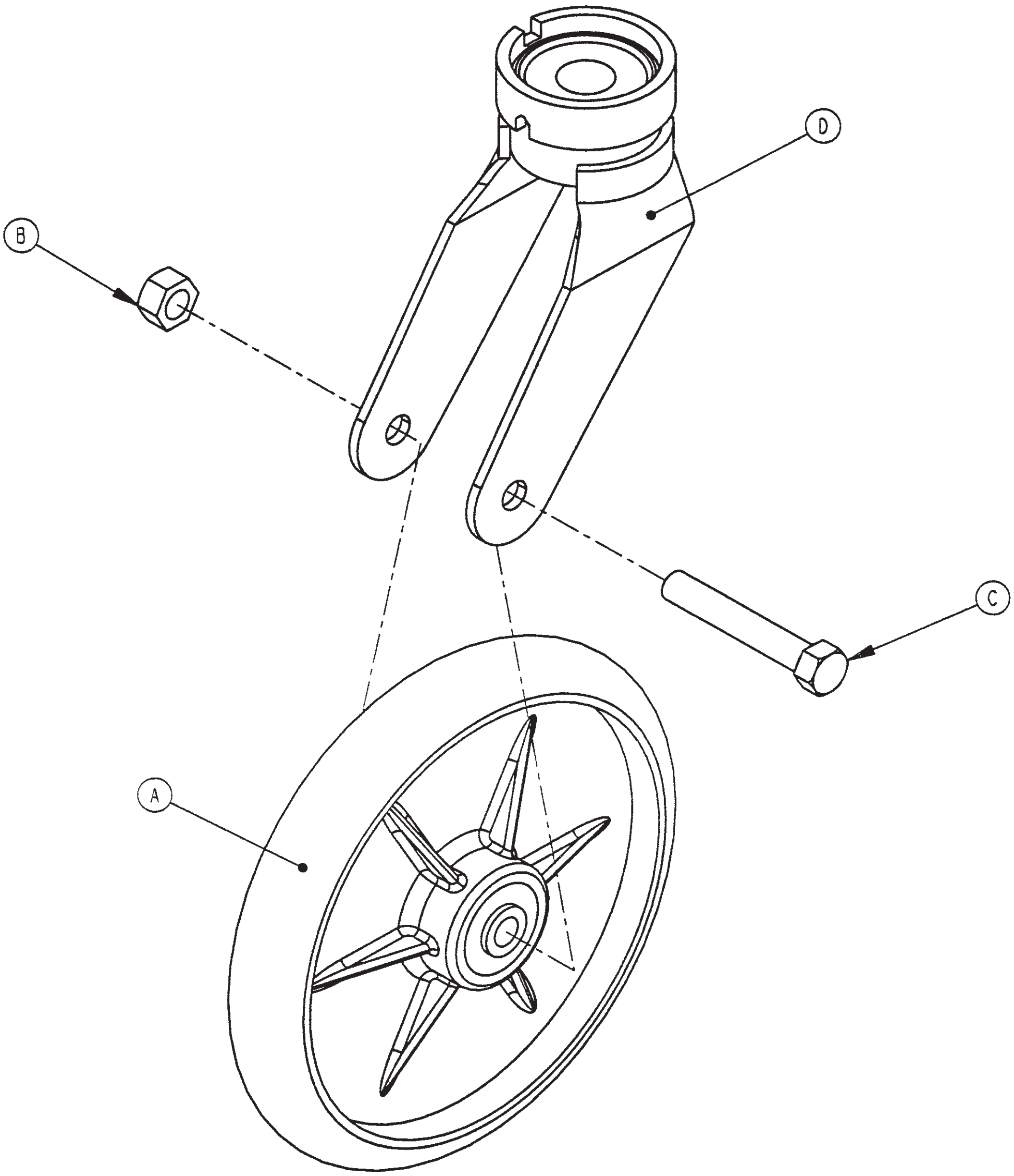
Optional 8” Steer Caster Assembly - 3001-200-080



Item	Part No.	Part Name	Qty.
A	0715-002-025	Wheel Assembly (pg.125)	1
B	0016-060-000	Hex Nut	1
C	0003-099-000	Hex Hd. Cap Screw	1
D	3001-200-081	Caster Horn	1

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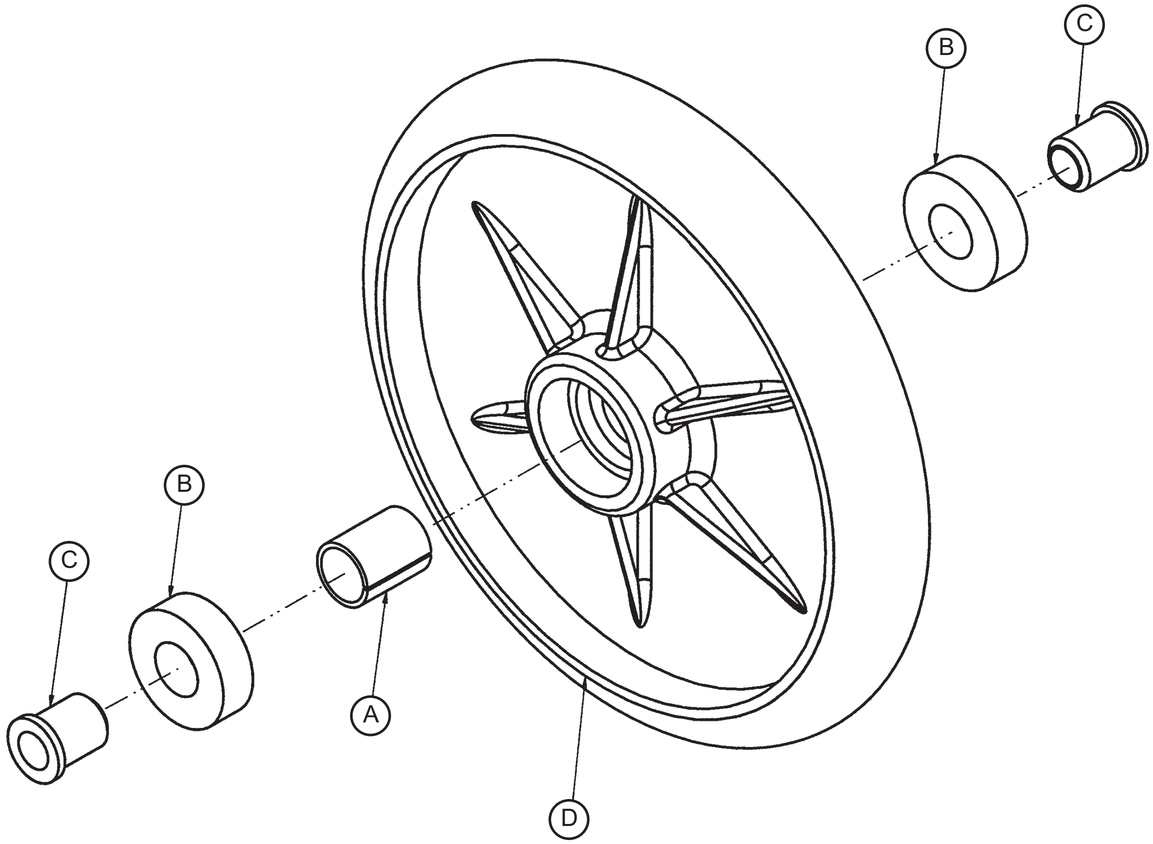
Optional 8” Wheel Assembly - 0715-002-025



Item	Part No.	Part Name	Qty.
A	0052-503-000	Bearing Spacer	1
B	0081-226-000	Bearing	2
C	0715-001-255	Wheel Bearing	2
D	0715-002-124	Wheel	1

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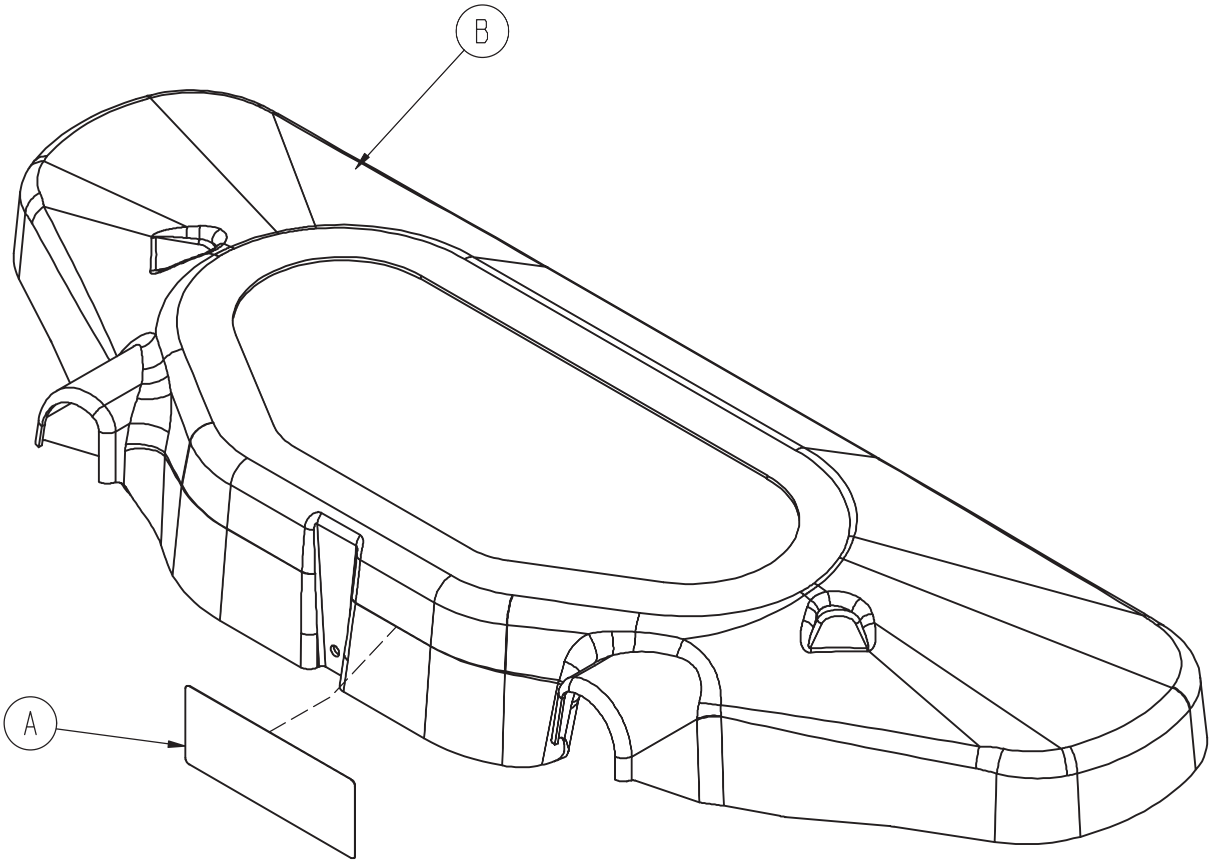
Base Uni-Pan Cover Assembly - 3002-300-010



Item	Part No.	Part Name	Qty.
A	0988-002-708	Service Caution Label	1
B	3002-300-009	Uni-Pan Cover	1

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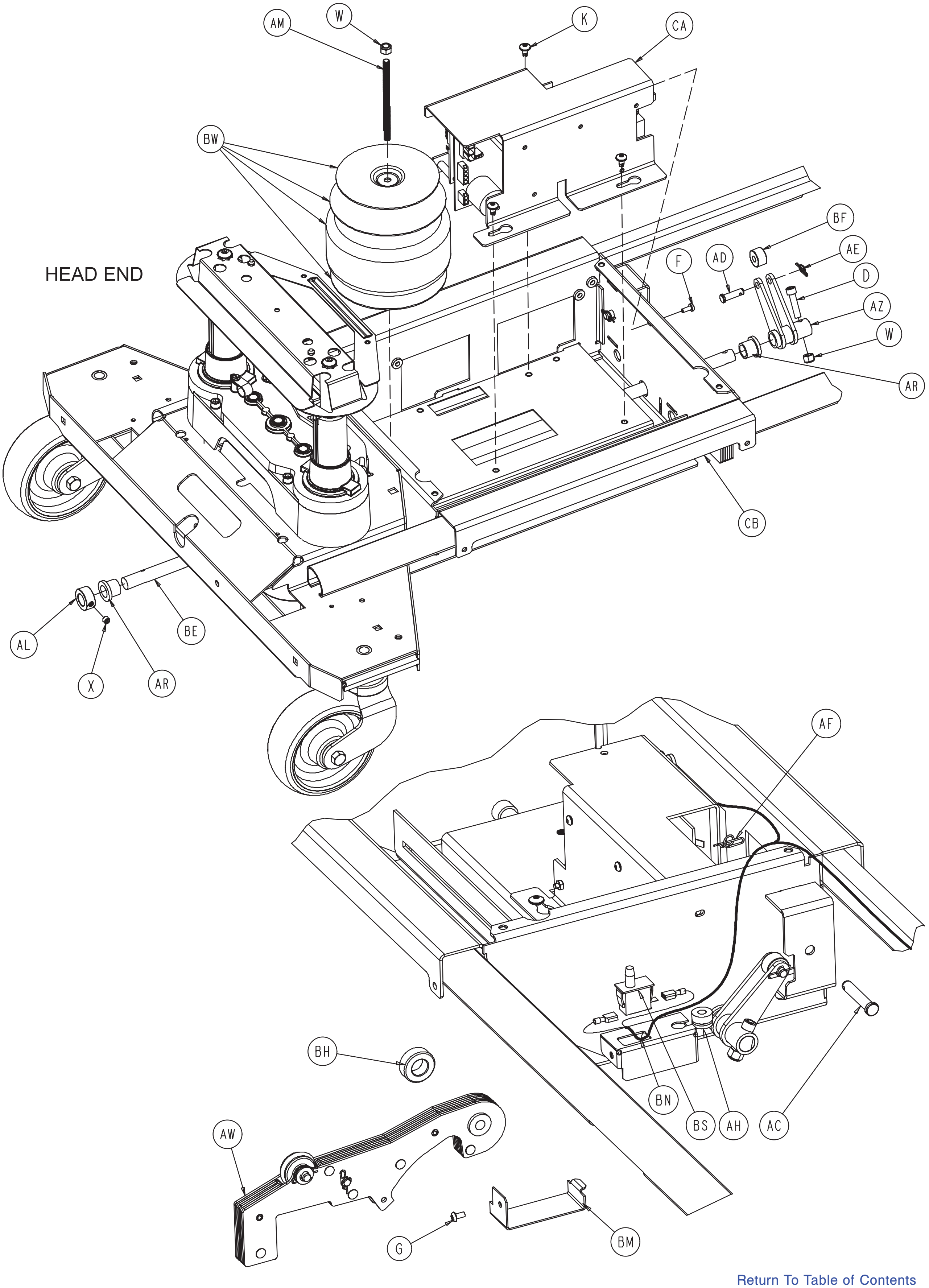
Base Assembly with Zoom® Option

For Reference Only: 3002-001-001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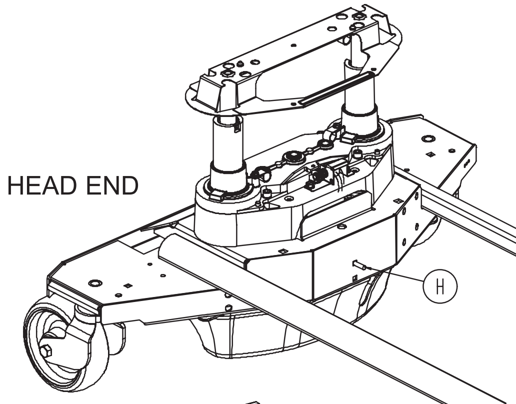
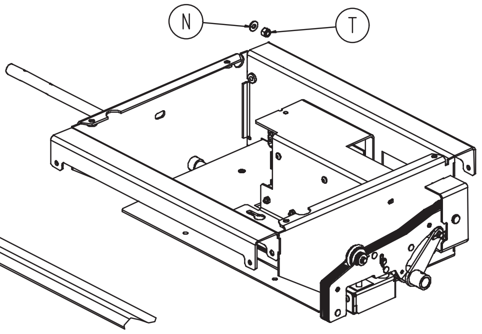
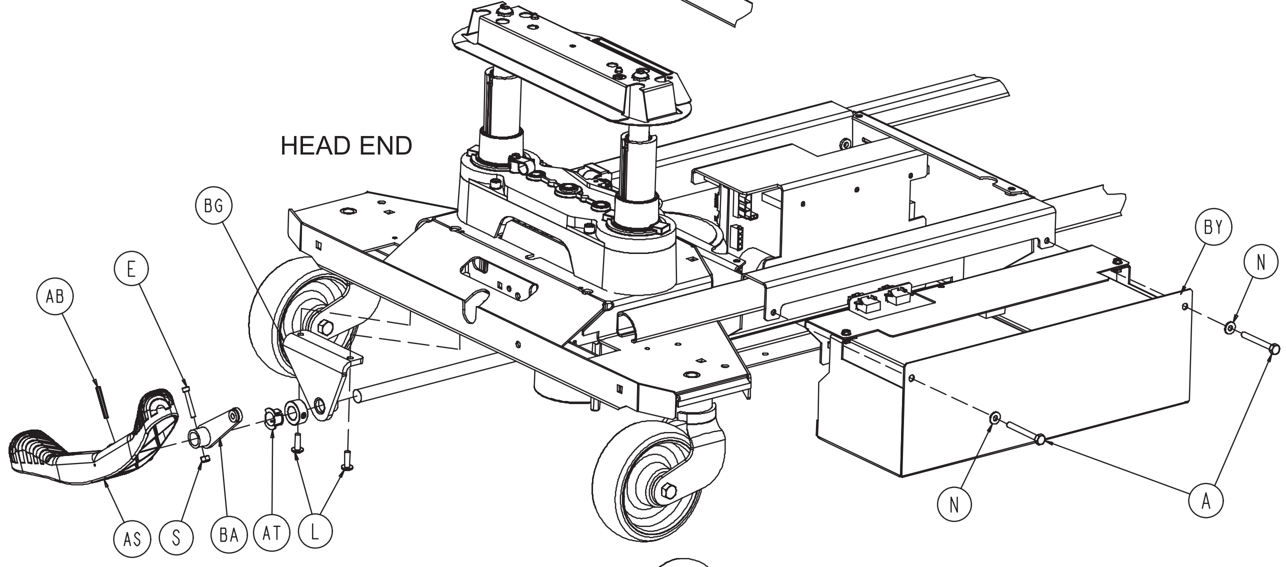
Base Assembly with Zoom® Option



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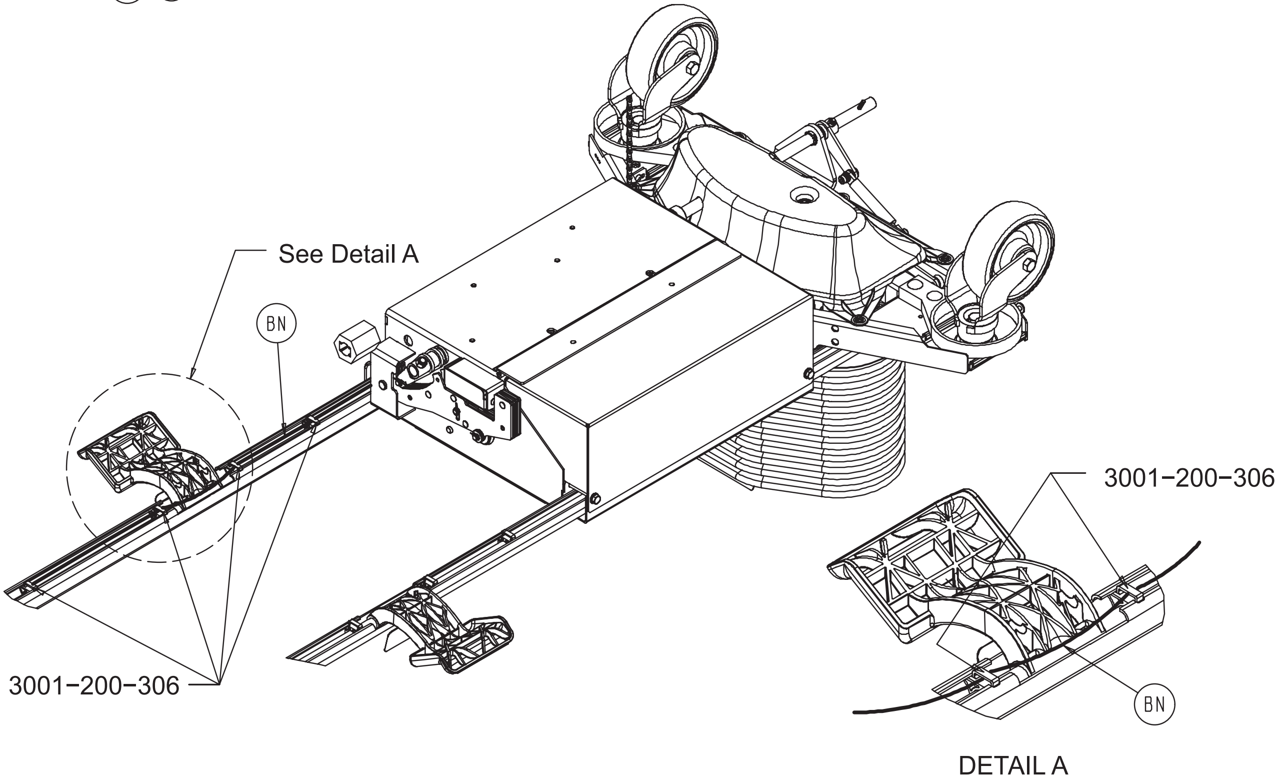
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3001−200−306
3001−200−306
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DETAIL A

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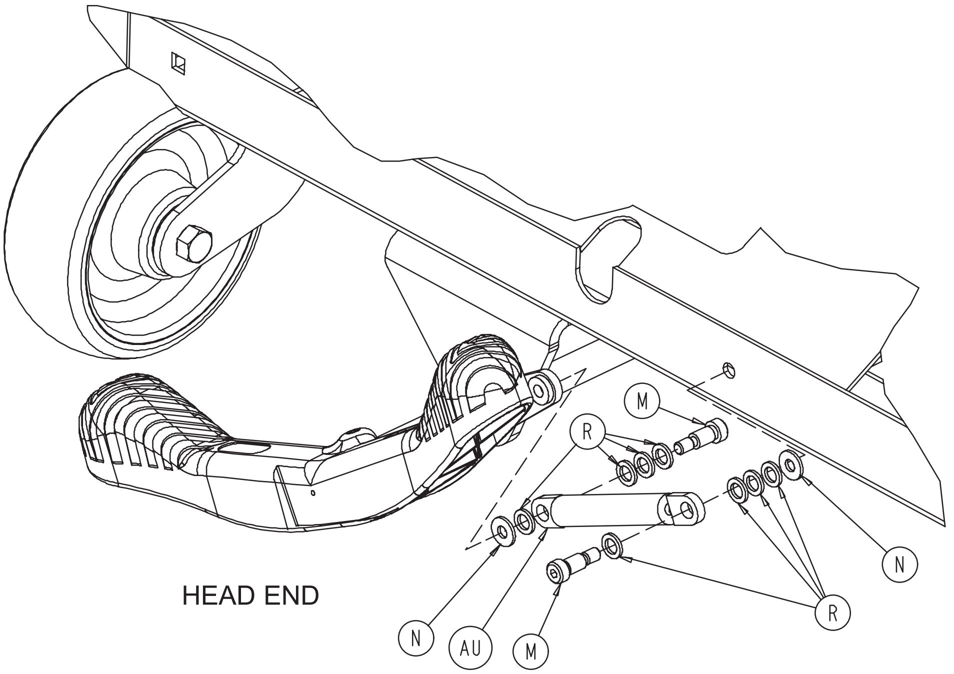
Base Assembly with Zoom® Option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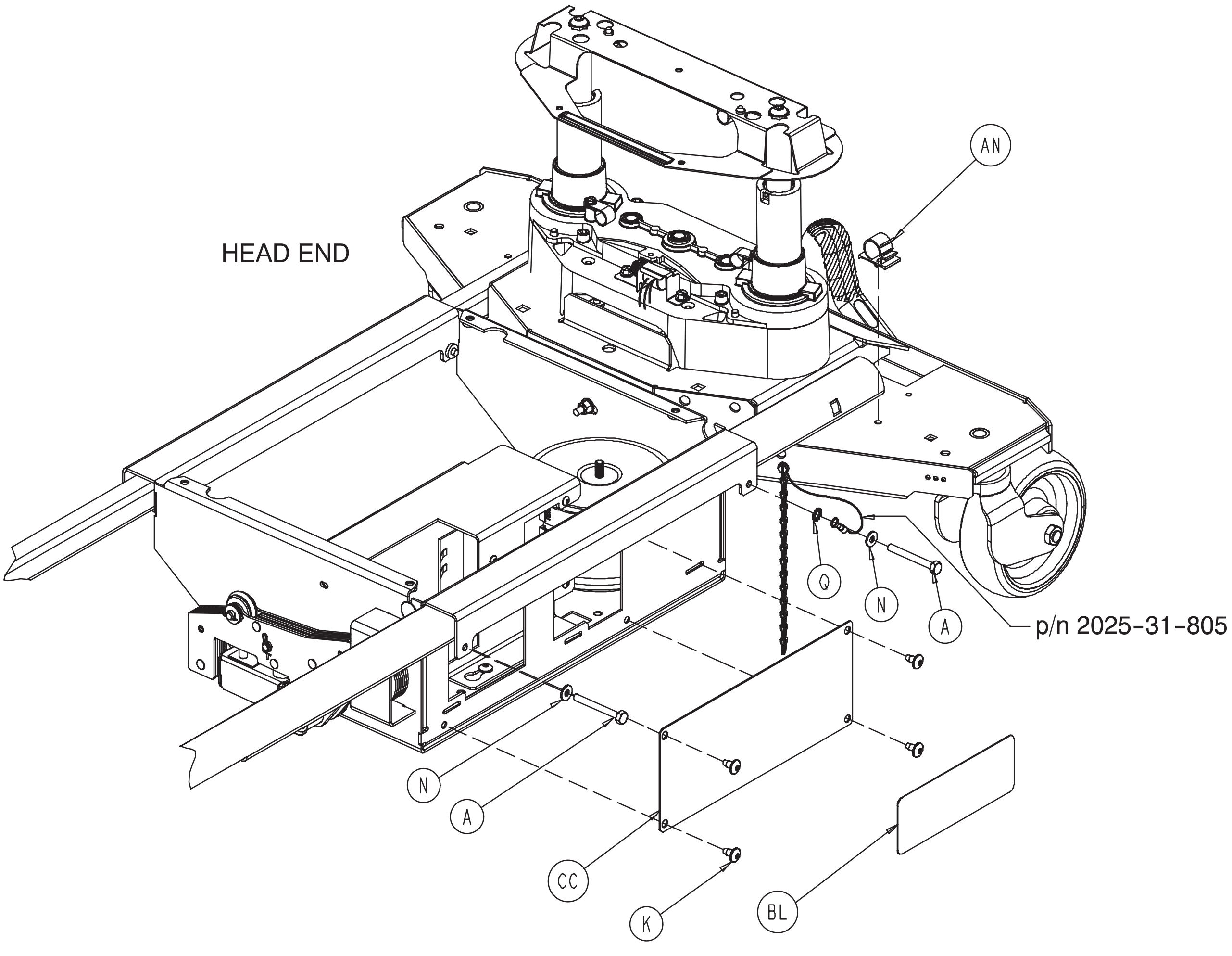
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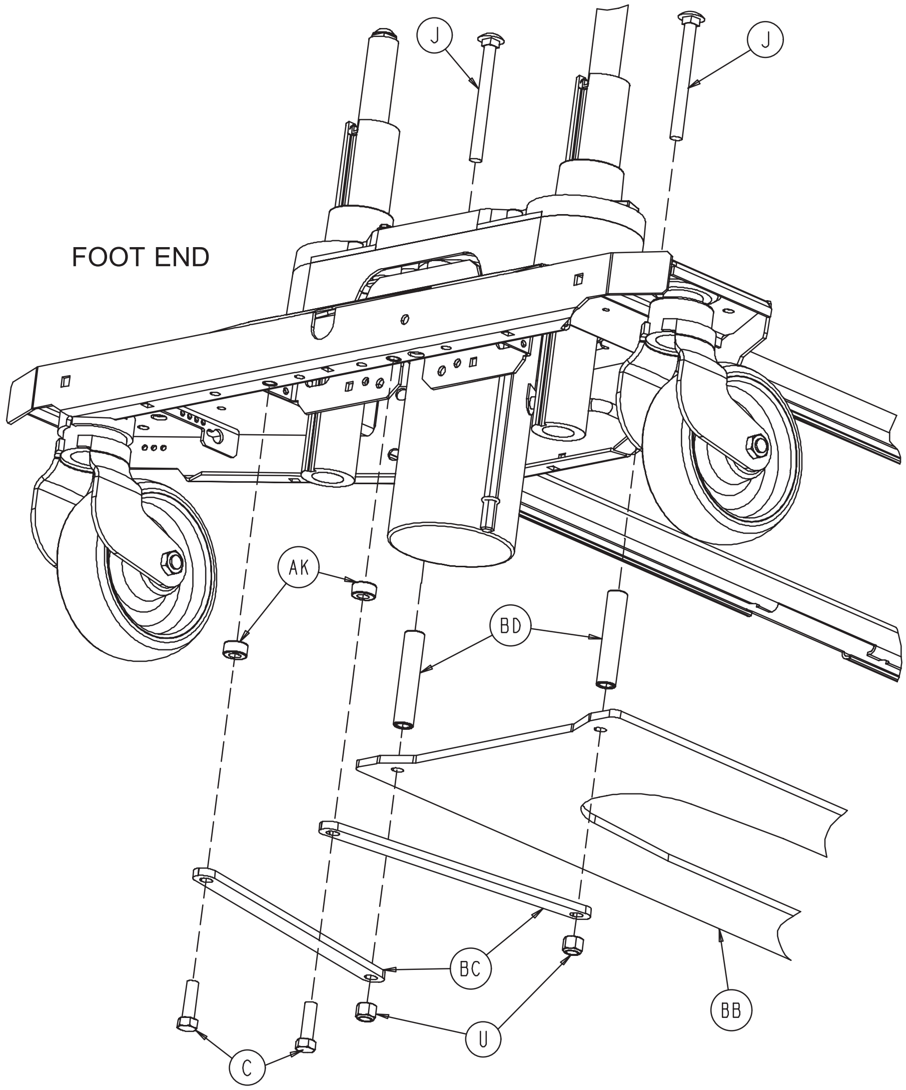
Base Assembly with Zoom® Option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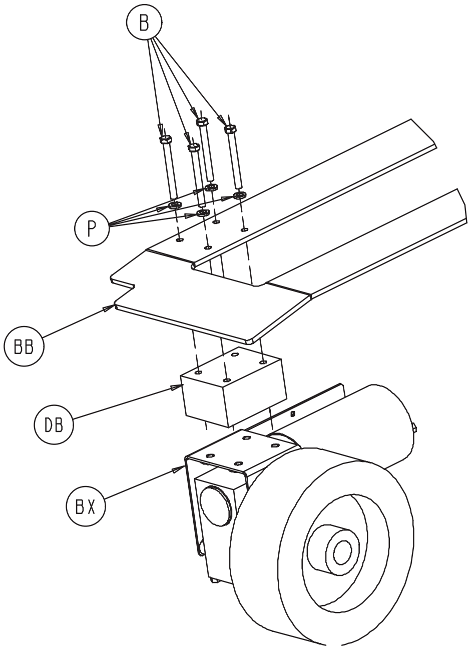

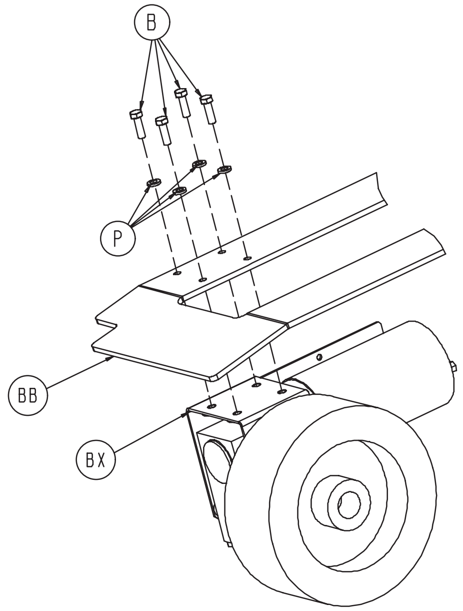

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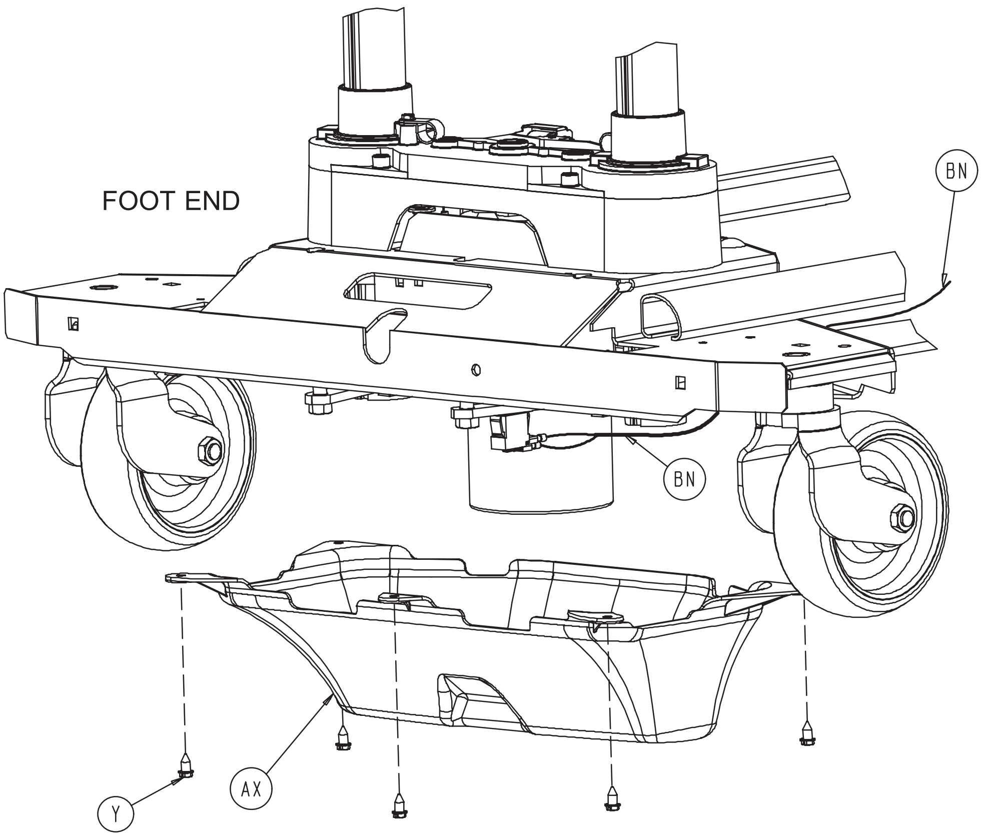
Base Assembly with Zoom® Option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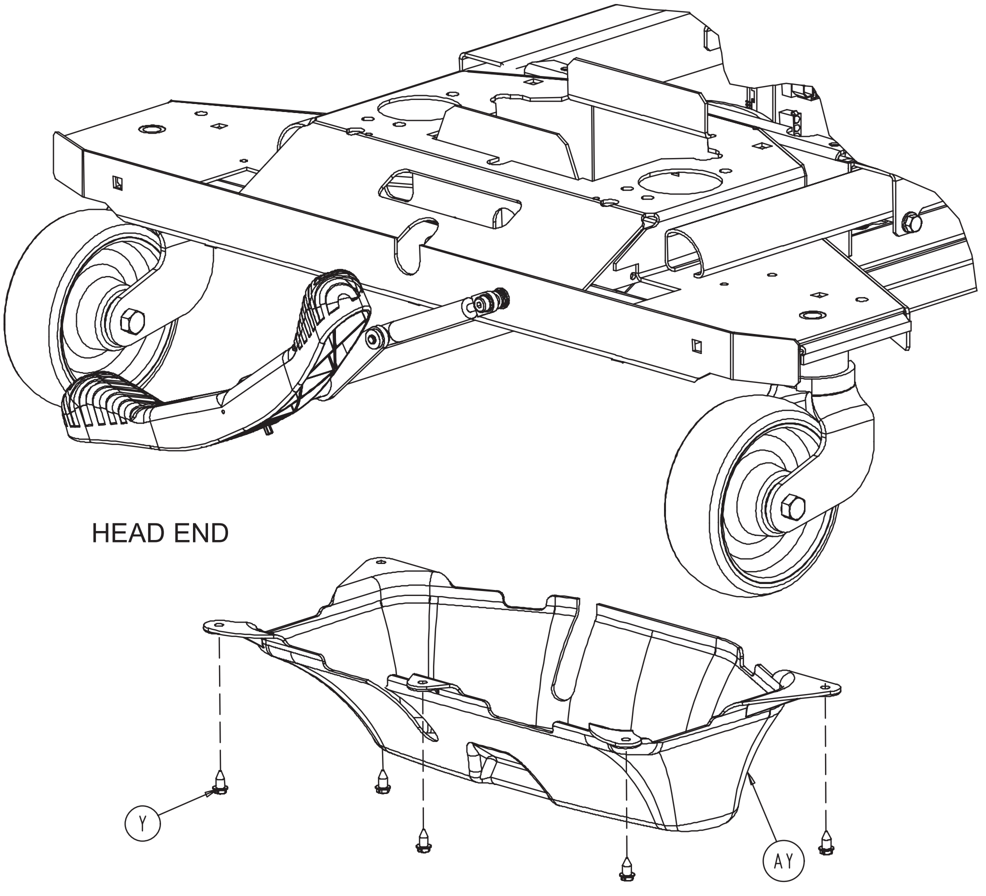
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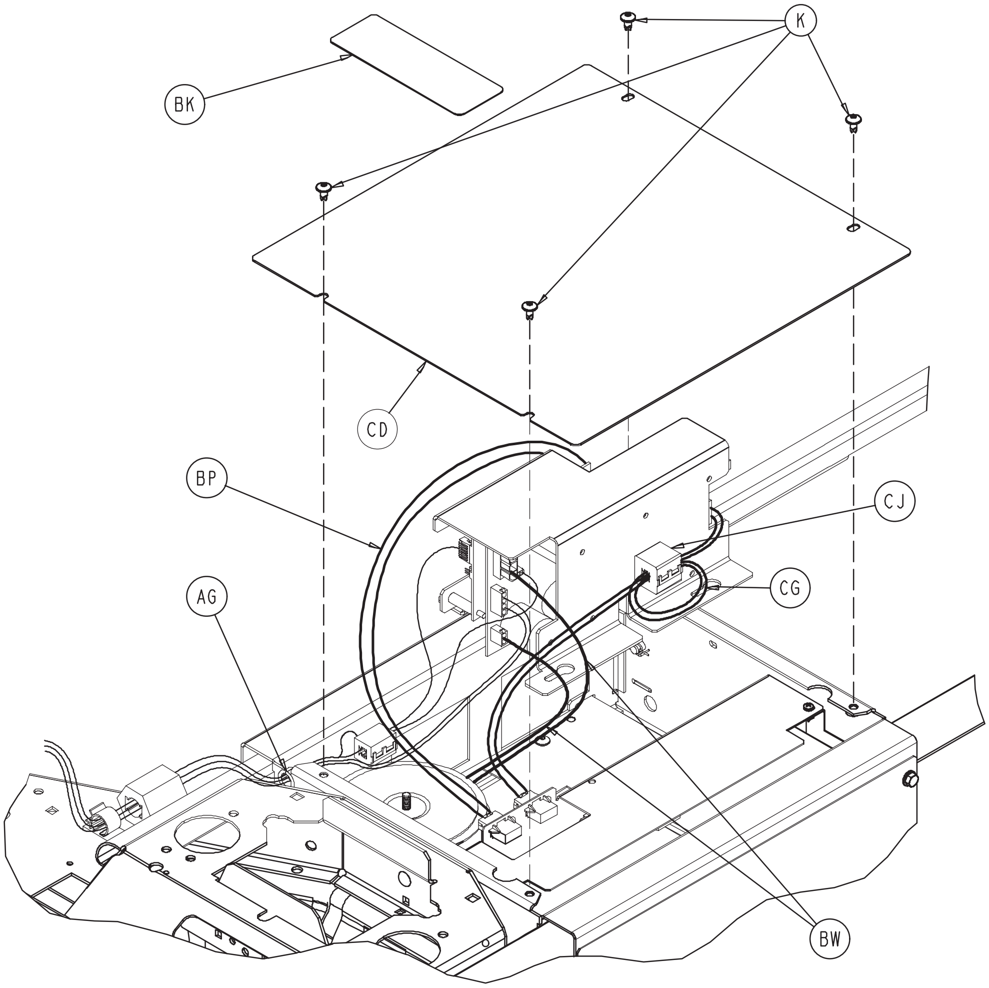
Base Assembly with Zoom® Option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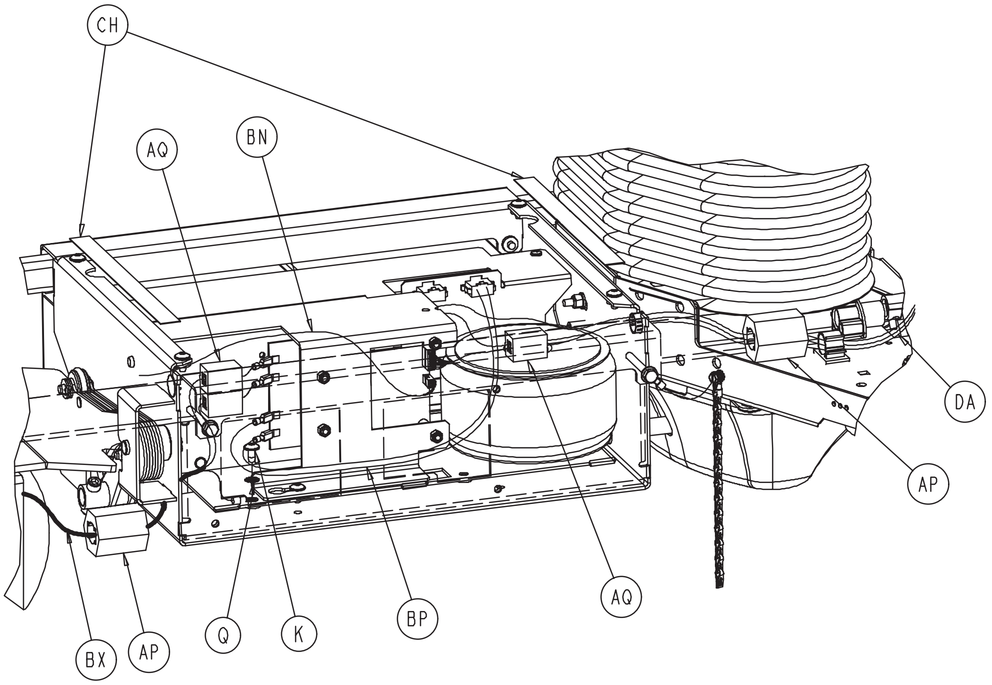
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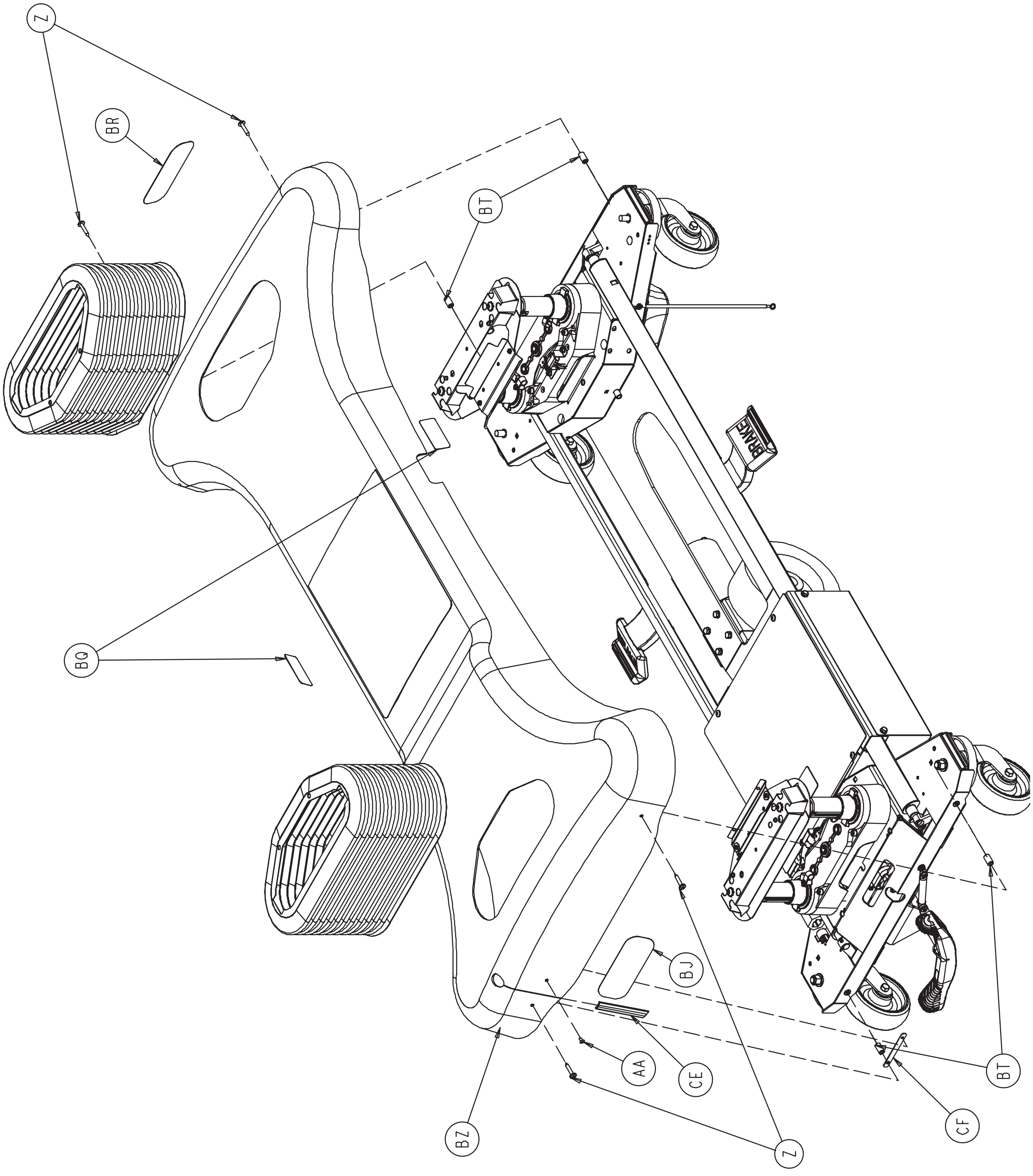
Base Assembly with Zoom® Option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Base Assembly with Zoom® Option

Zoom Option Common Components - 3002-001-001 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0003-032-000	Hex Hd. Cap Screw	4
C	0003-120-000	Hex Hd. Cap Screw	2
D	0004-039-000	Soc. Hd. Cap Screw	1
E	0004-160-000	Soc. Hd. Cap Screw	1
F	0004-301-000	Pan Hd. Mach. Screw	1
G	0004-307-000	Soc. But. Hd. Cap Screw	1
H	0005-017-000	Carriage Bolt	1
J	0005-031-000	Carriage Bolt	2
K	0007-052-000	Truss Hd. Torx	12
L	0007-063-000	Truss Hd. Torx	2
M	0008-049-000	Soc. Hd. Shoulder Bolt	2
N	0011-063-000	Washer	7
P	0012-020-000	Lock Washer	4
Q	0013-010-000	Ext. Tooth Star Washer	4
R	0014-003-000	Plastic Washer	8
S	0016-003-000	Nylock Nut	1
T	0016-028-000	Nylock Nut	1
U	0016-035-000	Nylock Nut	2
W	0016-036-000	Nylock Nut	2
X	0021-022-000	Set Screw	1
Y	0023-025-000	Hex Washer Hd. Screw	10
Z	0023-281-000	Self-Tapping Screw	4
AA	0025-079-000	Pop Rivet	1
AB	0026-261-000	Groove Pin	1
AC	0026-277-000	Clevis Pin	1
AD	0026-297-000	Clevis Pin	1
AE	0027-021-000	Rue Ring Cotter	1
AF	0027-022-000	Rue Ring Cotter	1
AG	0030-038-000	Split Bushing	1
AH	0030-040-000	E-A-R Grommet	1
AK	0042-006-000	Collar	2
AL	0042-020-000	Lock Collar	1
AM	0058-090-000	Threaded Stud	1
AN	0059-133-000	Push-Mount Wire Clip	1
AP	0059-192-000	Split Ferrite	1
AQ	0059-194-000	Split Ferrite	3
AR	0081-245-000	Bronze Bushing	2
AS	1210-201-153	Butterfly "V" Pedal	1
AT	1210-201-251	Insert Bushing	1
AU	1210-201-671	Damper	1
AW	2040-001-012	Drive Whl. Lift Lever Ass'y (pg.135)	1
AX	3001-200-022	Foot End Bottom Cover (pg.136)	1
AY	2040-001-017	Head End Bottom Cover (pg.136)	1
AZ	2040-001-051	Pedal Crank Weldment	1
BA	2040-001-053	Damper Crank Weldment	1
BB	2040-001-060	Leaf Spring	1
BC	2040-001-061	Tie Down Strap	2
BD	2040-001-062	Reinforcement Tube	2
BE	2040-001-082	Pedal Rod	1
BF	2040-001-083	Pedal Crank Roller	1
BG	2040-001-084	Pedal Rod Pivot Bracket	1
BH	2040-001-098	Lift Lever Spacer	1
BJ	2040-001-100	Drive Whl. Position Label	1
BK	2040-001-101	Charger Box Cover	1
BL	2040-001-102	Power Bd. Cover Label	1
BM	2040-001-103	Charger Box Sw. Brkt. Cov.	1
BN	2040-001-801	Base Switch Cable	1
BP	2040-001-804	Pwr. Bd. DC Pwr. Cable	1
BQ	3000-200-601	Brake Label	2
BR	3000-200-602	Stryker Logo Label	1
BS	3000-300-058	Limit Switch	1
BT	3000-300-428	Gatch Link Sleeve	4
BU	3000-300-113	Wire Ties	2
BW	3002-001-010	Transformer	1
BX	3002-001-014	Drive Train Ass'y (pg.137)	1
BY	3002-001-015	Battery Tray Ass'y (pg.138)	1
BZ	3002-001-018	Hood Assembly	1
CA	3002-001-030	Base Power Ass'y (pg.139)	1
CB	3002-001-050	Charger Box Weldment	1
CC	3002-001-068	Power PCB Cover	1
CD	3002-001-071	Charger/Inverter Cover	1
CE	3002-001-078	Hood Slot Trim	1
CF	3002-001-079	Hood Slot Trim Bracket	1
CG	3002-001-802	Inverter/Battery Cable	1
CH	7000-001-326	Foam Tape (10")	2
CJ	0059-144-000	Split Ferrite	1

Zoom Base, 6" Casters - 3002-244-010 (Reference Only)

Item	Part No.	Part Name	Qty.
B	0003-085-000	Hex Hd. Cap Screw	4
DA	3002-001-801	Umbilical Cable Ass'y	1

Zoom Base, 8" Casters - 3002-248-010 (Reference Only)

Item	Part No.	Part Name	Qty.
B	0003-053-000	Hex Hd. Cap Screw	4
DA	3002-001-801	Umbilical Cable Ass'y	1
DB	2040-001-001	8" Caster Spacer	1

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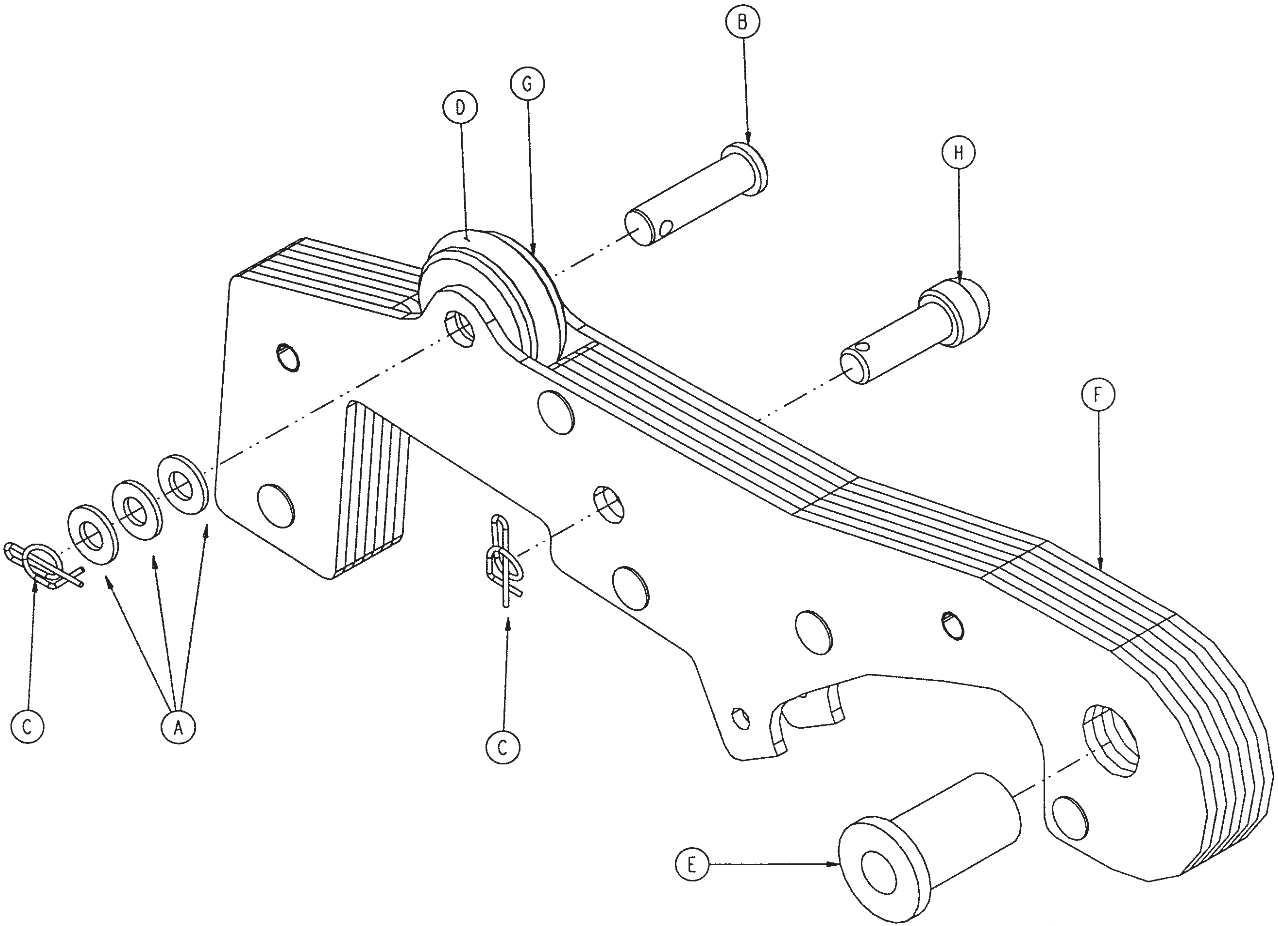
Zoom® Option Drive Wheel Lift Lever Assembly - 2040-001-012



Item	Part No.	Part Name	Qty.
A	0011-003-000	Washer	3
B	0026-297-000	Clevis Pin	1
C	0027-021-000	Rue Ring	2
D	0045-232-000	O-Ring	1
E	0081-070-000	Flange Bearing	1
F	2040-201-013	Drive Wheel Lift Plate Ass'y	1
G	2040-001-087	Lift Lever Roller	1
H	2040-001-099	Lift Lever Guide	1

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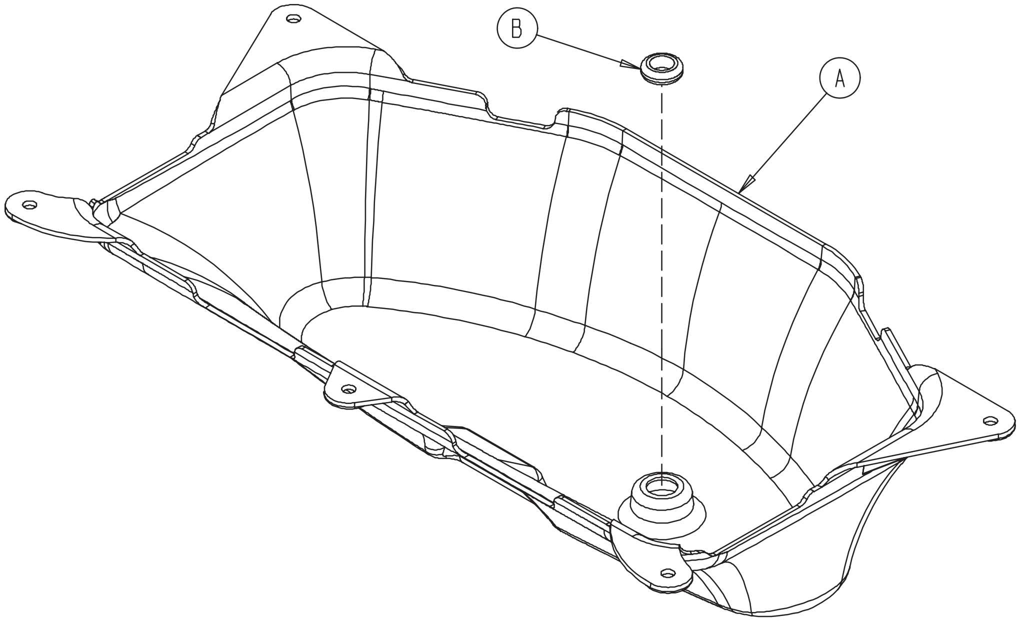
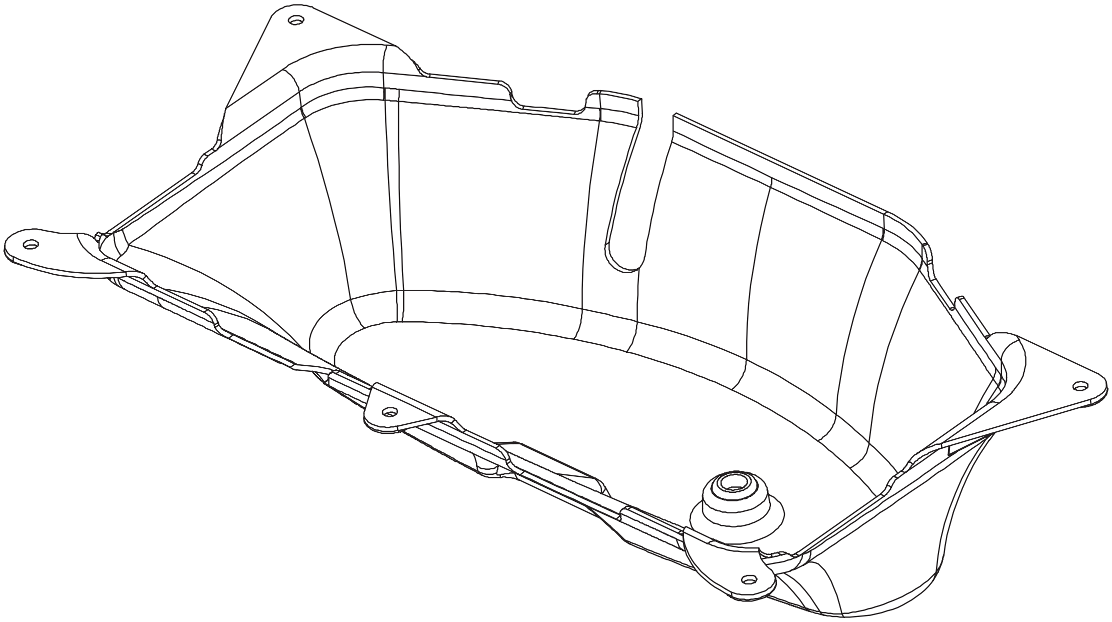
Foot End Bottom Cover - 3001-200-022

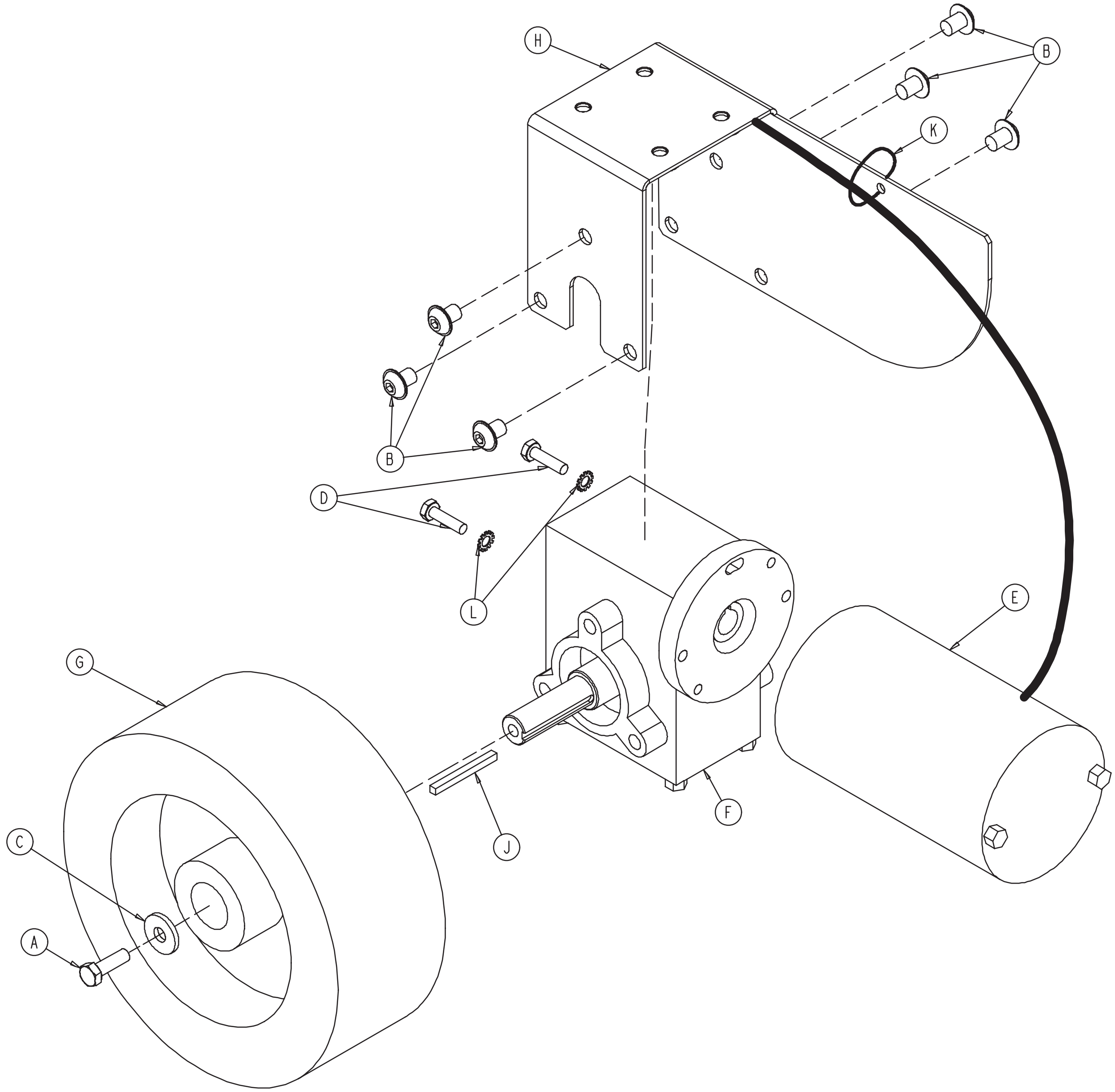


Item	Part No.	Part Name	Qty.
A	3002-001-100	Bottom Cover	1
B	3000-000-039	Grommet	1

Zoom Option Head End Bottom Cover - 2040-001-017



Zoom Option Drive Train Assembly - 3002-001-014



Item	Part No.	Part Name	Qty.
A	8839-793-700	Hex Hd. Cap Screw	1
B	0004-338-000	Flanged But. Hd. Cap Screw	6
C	0011-262-000	Washer	1
D	0003-054-000	Hex Hd. Cap Screw	2
E	3002-001-072	Drive Train Motor	1
F	2040-001-073	Gear Box	1
G	2040-001-074	Drive Train Wheel	1
H	2040-001-075	Motor Mounting Bracket	1
J	2040-001-097	Square Key	1
K	3000-300-113	Wire Tie	1
L	0013-010-000	Star Washer	2

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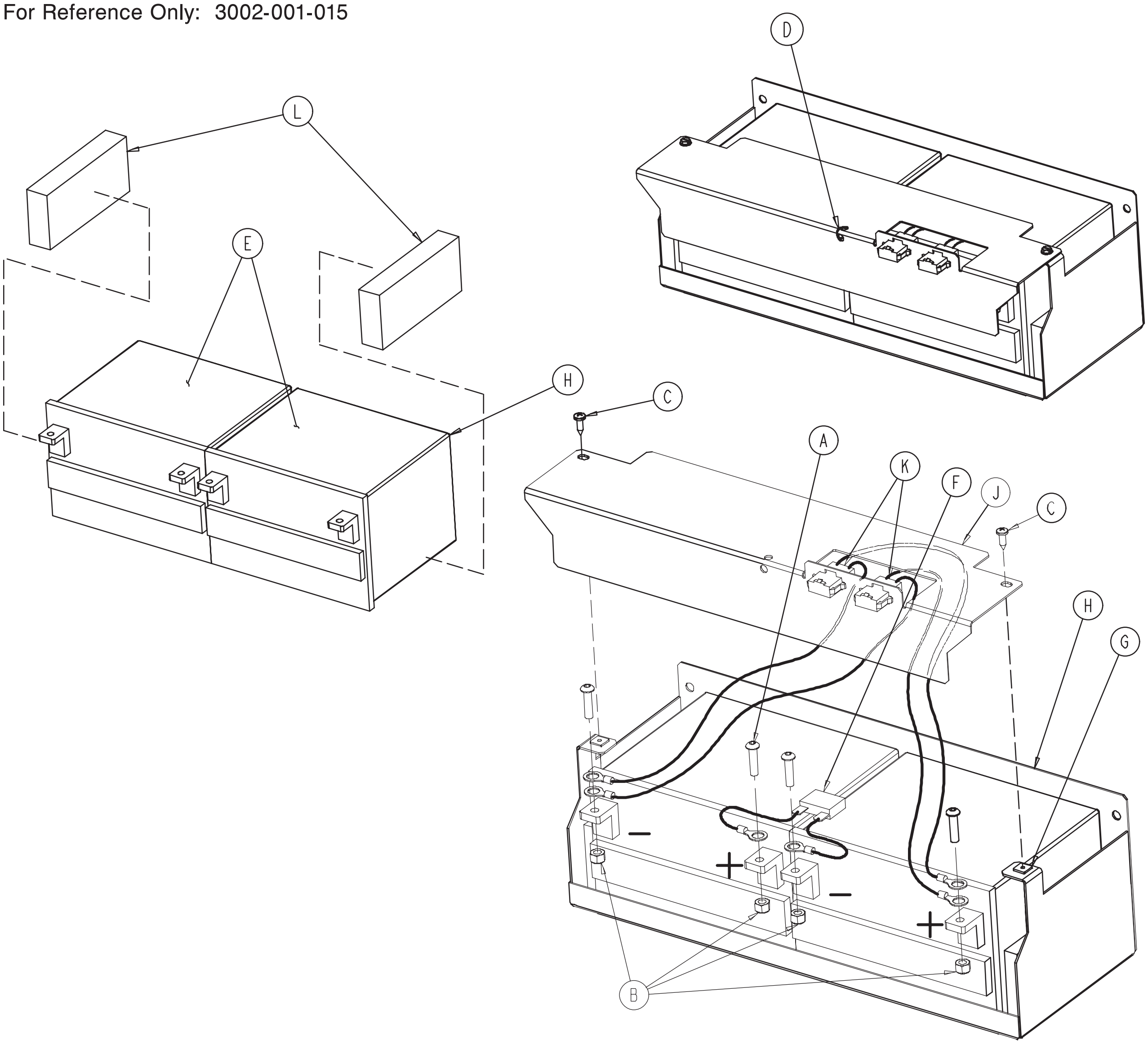
Zoom Option Battery Tray Assembly

Battery Kit Part Number 2040-700-013

(Includes Two Batteries)

For Reference Only: 3002-001-015



Item	Part No.	Part Name	Qty.
A	0004-046-000	But. Hd. Cap Screw	4
B	0016-028-000	Nylock Nut	4
C	0023-256-000	Pan Hd. Screw	2
D	0038-151-000	Cable Tie	1
E	2040-001-070	Battery	2
F	2040-001-802	Battery Jumper Cable	1
G	3000-300-002	Push Nut	2
H	3002-001-069	Battery Tray	1
J	3002-001-091	Terminal Guard	1
K	3002-001-803	Battery Harness Cable	2
L	3002-101-043	Foam Spacer	2

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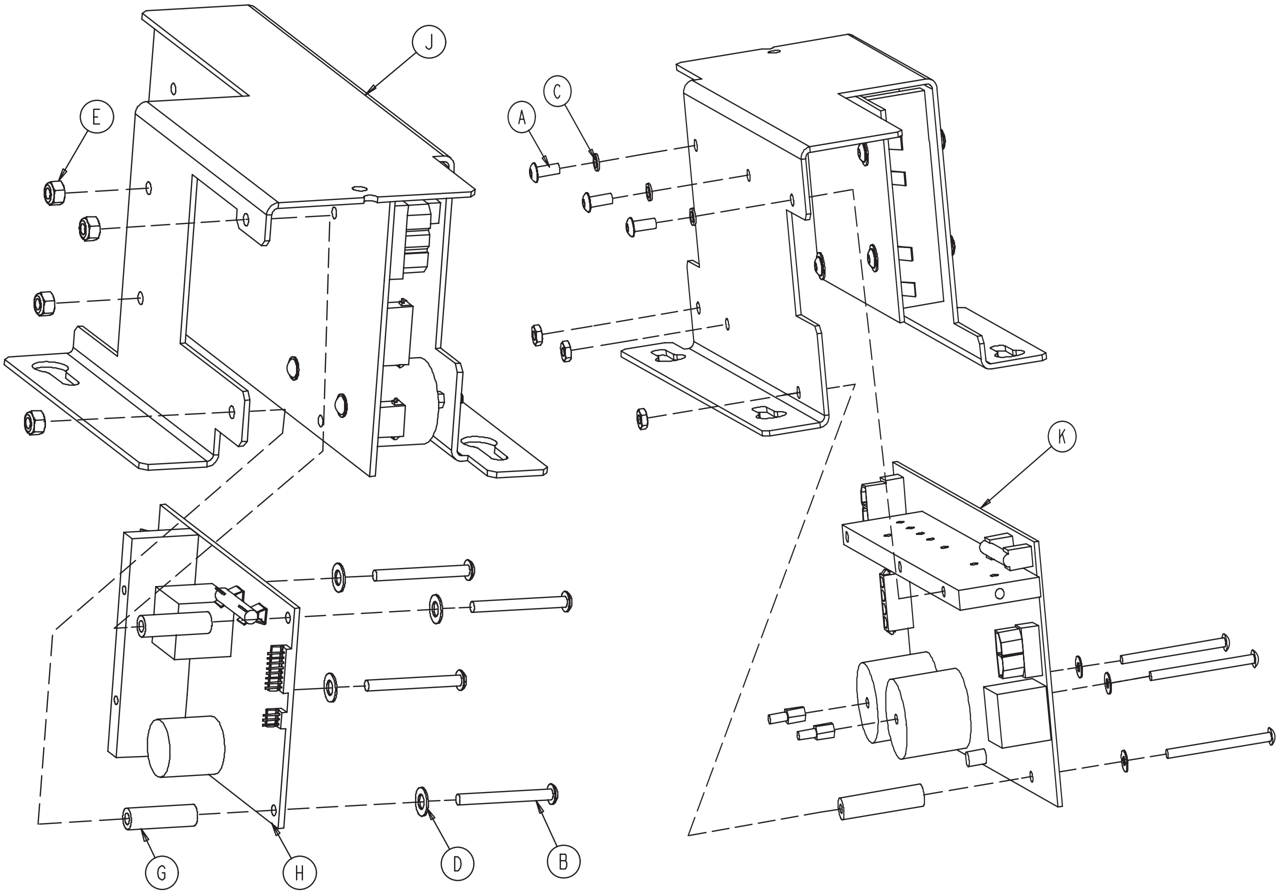
Zoom Option Base Power Assembly - 3002-001-030



Item	Part No.	Part Name	Qty.
A	0004-263-000	But. Hd. Cap Screw	3
B	0004-315-000	But. Hd. Cap Screw	4
C	0012-006-000	Helical Lock Washer	3
D	0014-004-000	Nylon Washer	4
E	0016-002-000	Fiberlock Nut	4
G	0059-187-000	Spacer	2
H	2040-001-900	Power Board	1
J	3002-001-017	Charger/Inverter Heat Bracket	1
K	3002-001-930	Charger/Inverter Board Ass’y	1

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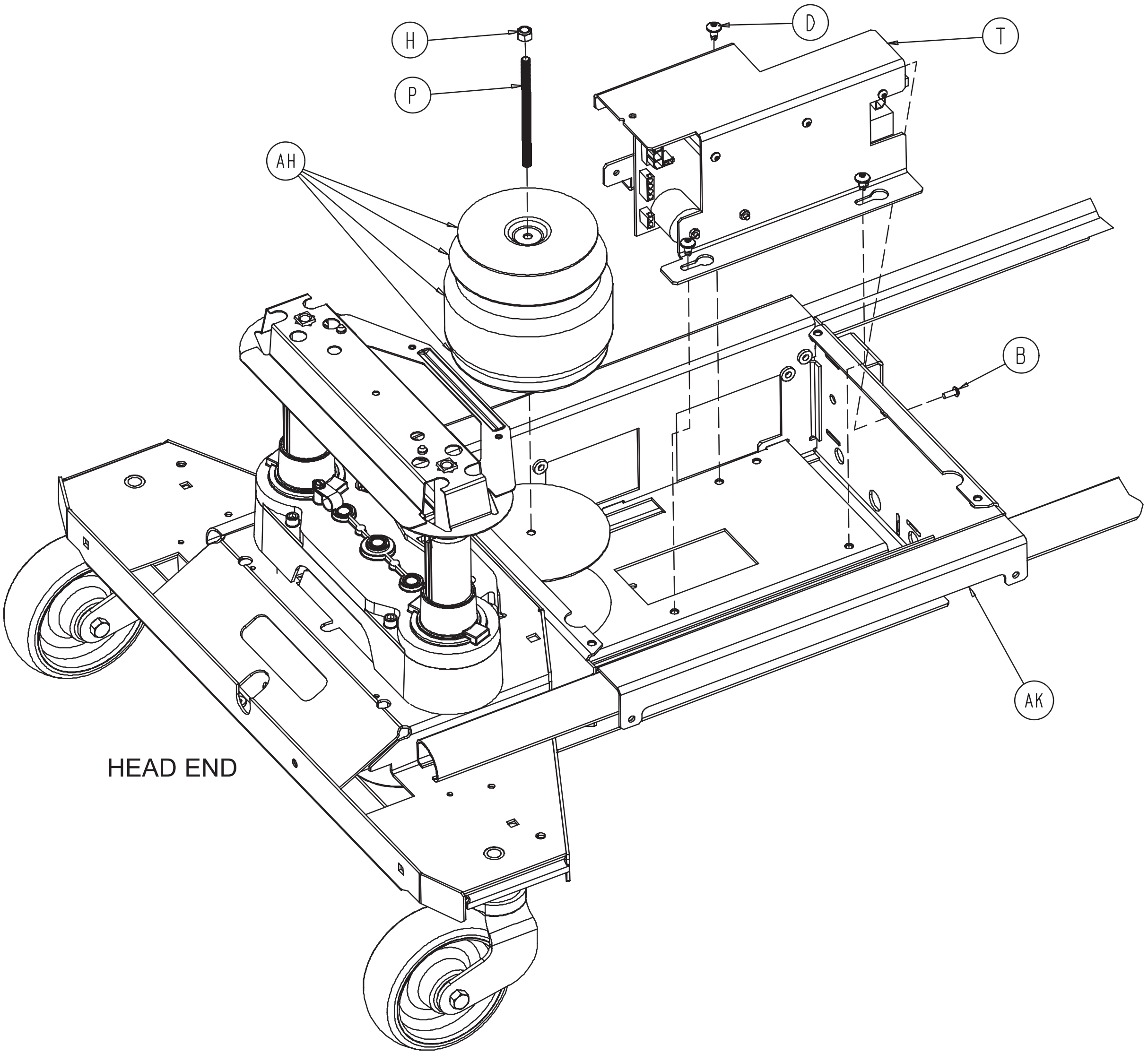
Base Assembly with Battery Backup Option

For Reference Only: 3002-350-170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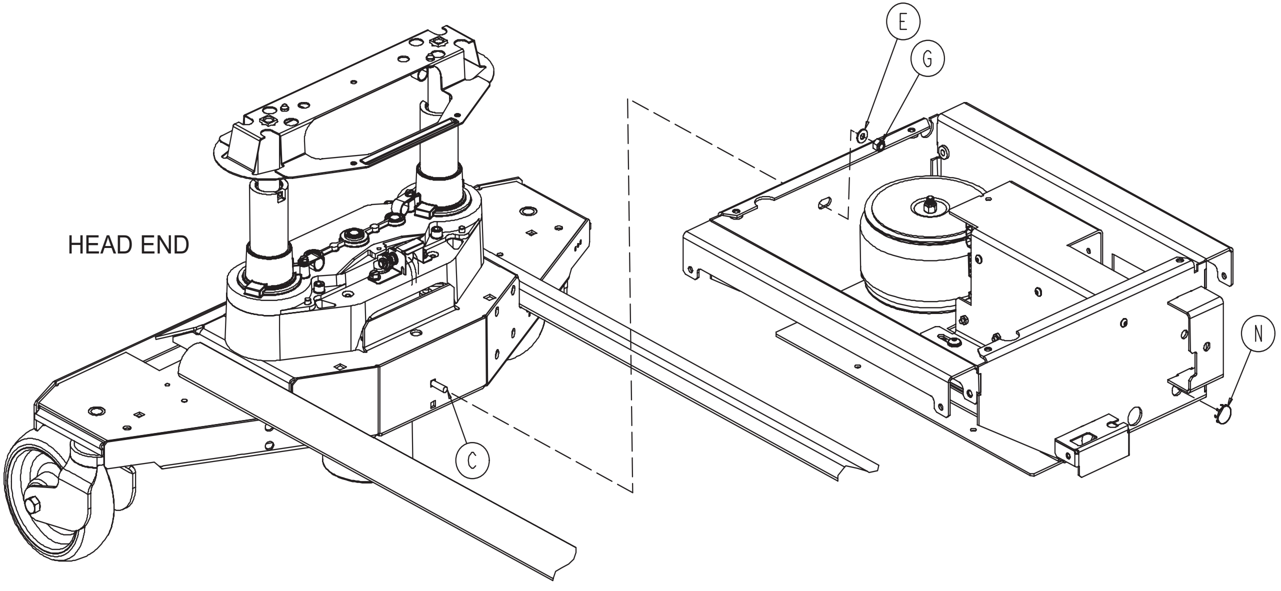
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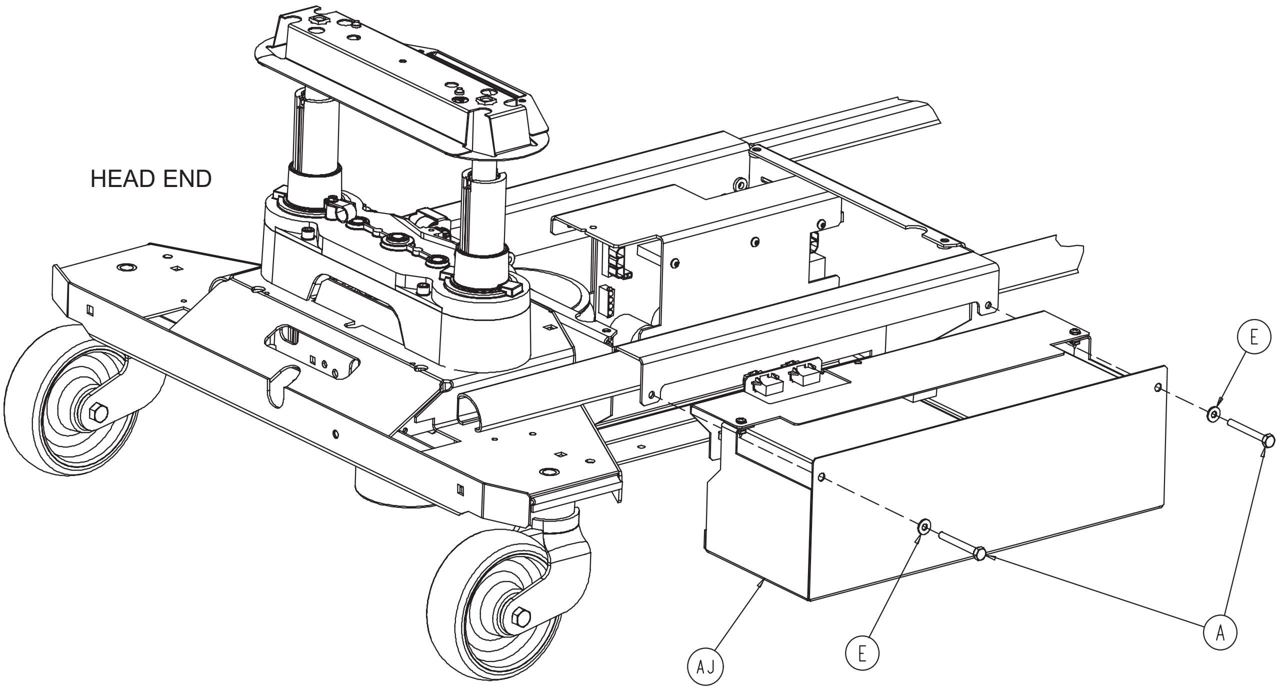
Base Assembly with Battery Backup Option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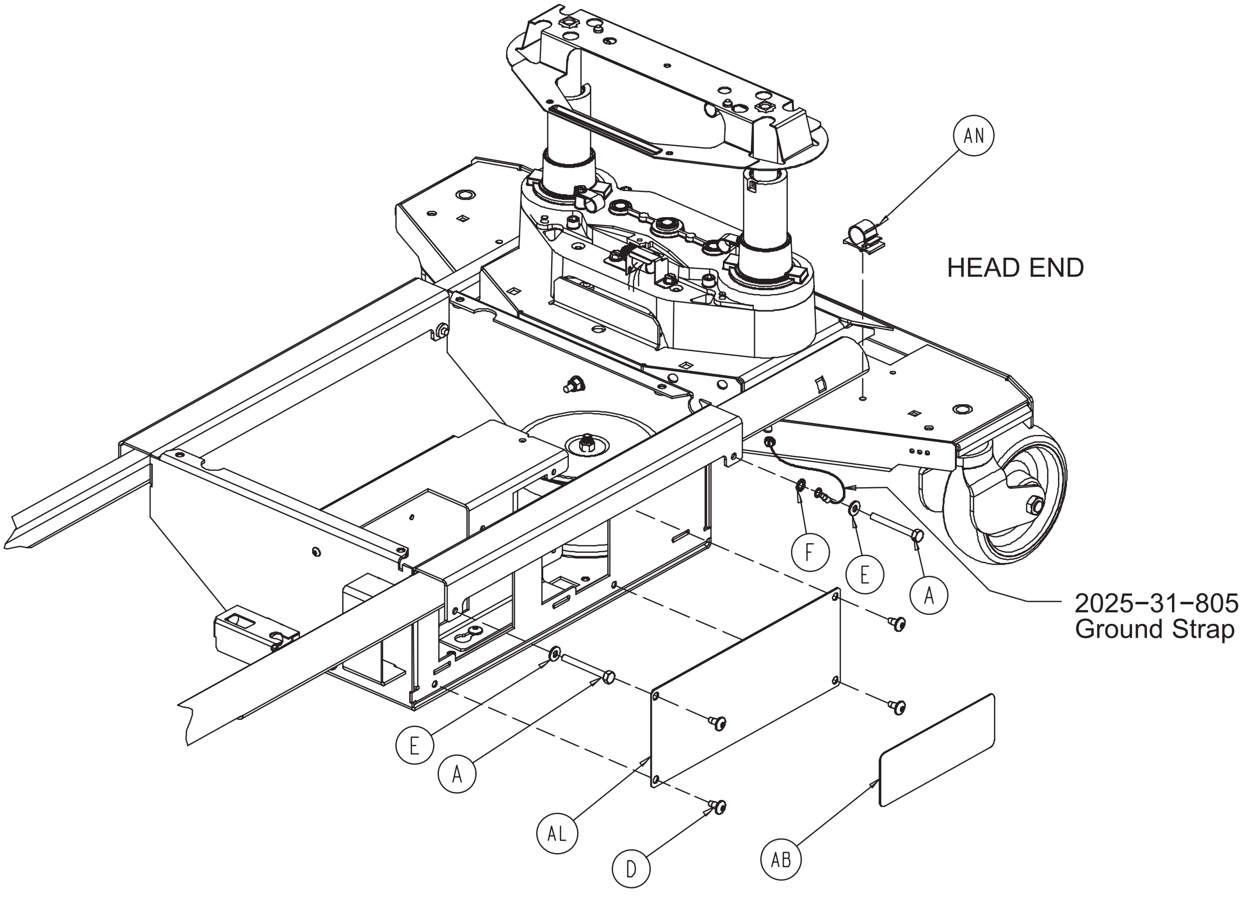
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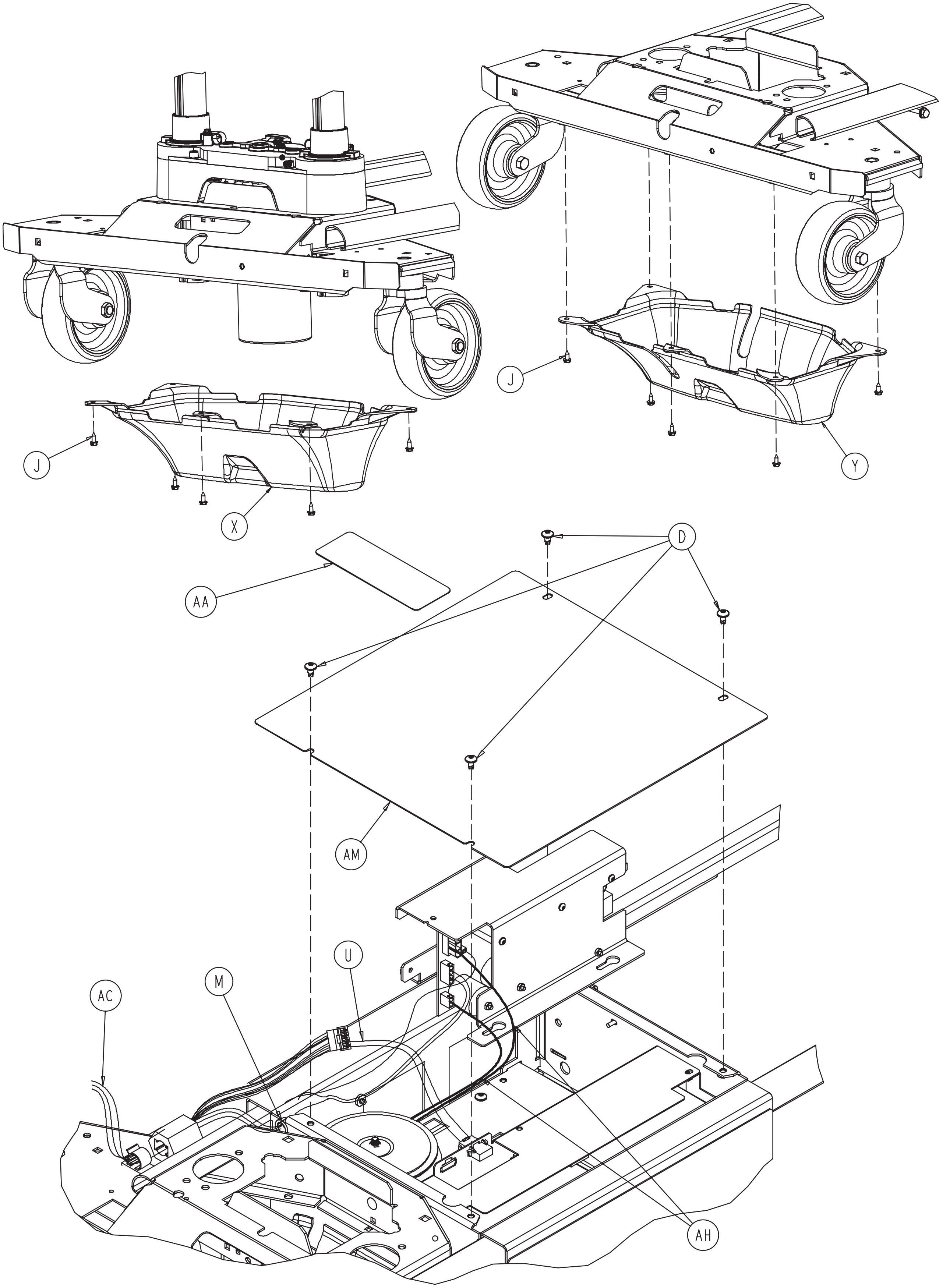
Base Assembly with Battery Backup Option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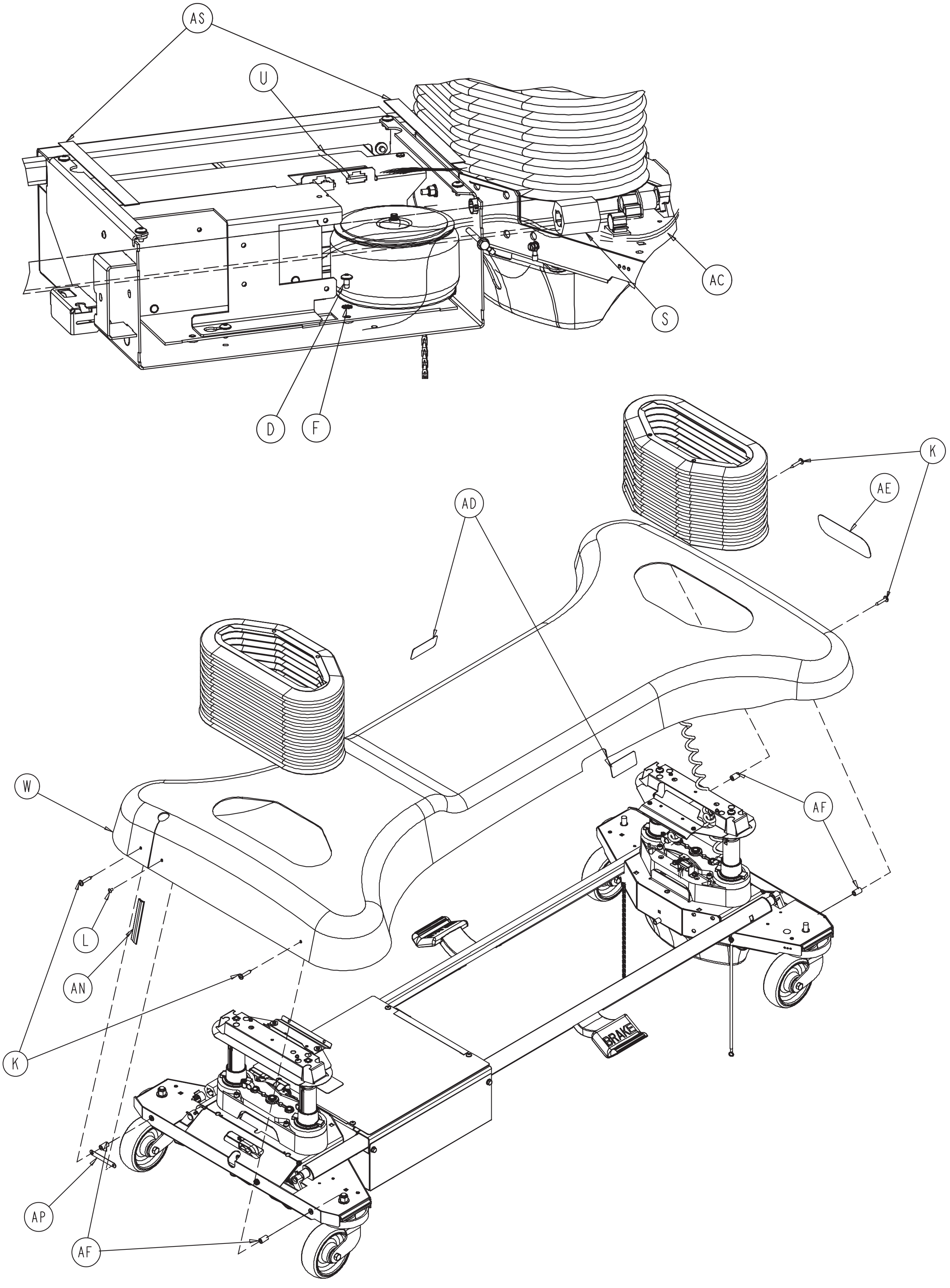
Base Assembly with Battery Backup Option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Base Assembly with Battery Backup Option

Base Assembly with Battery Backup Option - 3002-350-170 (Reference Only)

Item	Part No.	Part Name	Qty.
A	0003-032-000	Hex Hd. Cap Screw	4
B	0004-301-000	Pan Hd. Machine Screw	1
C	0005-017-000	Carriage Bolt	1
D	0007-052-000	Truss Hd. Torx Screw	13
E	0011-063-000	Washer	5
F	0013-010-000	External Tooth Star Washer	5
G	0016-028-000	Nylock Nut	1
H	0016-036-000	Nylock Nut	1
J	0023-025-000	Hex Washer Hd. Screw	10
K	0023-281-000	Self-Tapping Screw	4
L	0025-079-000	Pop Rivet	1
M	0030-038-000	Split Bushing	1
N	0037-221-000	Hole Plug	1
P	0058-090-000	Threaded Stud	1
R	0059-133-000	Push-Mount Wire Clip	1
S	0059-192-000	Split Ferrite	1
T	2030-001-030	Base Power Assembly (pg.145)	1
U	2030-080-802	Epic+ DC Jumper Assembly	1
W	2030-201-005	Base Hood	1
X	3001-200-022	Foot End Bottom Cover Ass'y (pg.136)	1
Y	2040-001-017	Head End Bottom Cover Ass'y (pg.136)	1
Z	2040-001-100	Drive Wheel Position Label	1
AA	2040-001-101	Charger Box Cover Label	1
AB	2040-001-102	Power Board Cover Label	1
AC	3002-031-113	Umbilical Cable Isolation Bracket	1
AD	3000-200-601	Brake Label	2
AE	3000-200-602	Stryker Logo Label	1
AF	3000-300-428	Gatch Link Sleeve	4
AG	3000-300-113	Wire Tie	2
AH	3002-001-010	Transformer	1
AJ	3002-001-015	Battery Tray Assembly (pg.138)	1
AK	3002-001-050	Charger Box	1
AL	3002-001-068	Power PCB Cover	1
AM	3002-001-071	Charger/Inverter Cover	1
AN	3002-001-078	Hood Slot Trim	1
AP	3002-001-079	Hood Slot Trim Bracket	1
AR	3002-001-802	Inverter/Battery Cable	1
AS	7000-001-326	Foam Tape (10")	2

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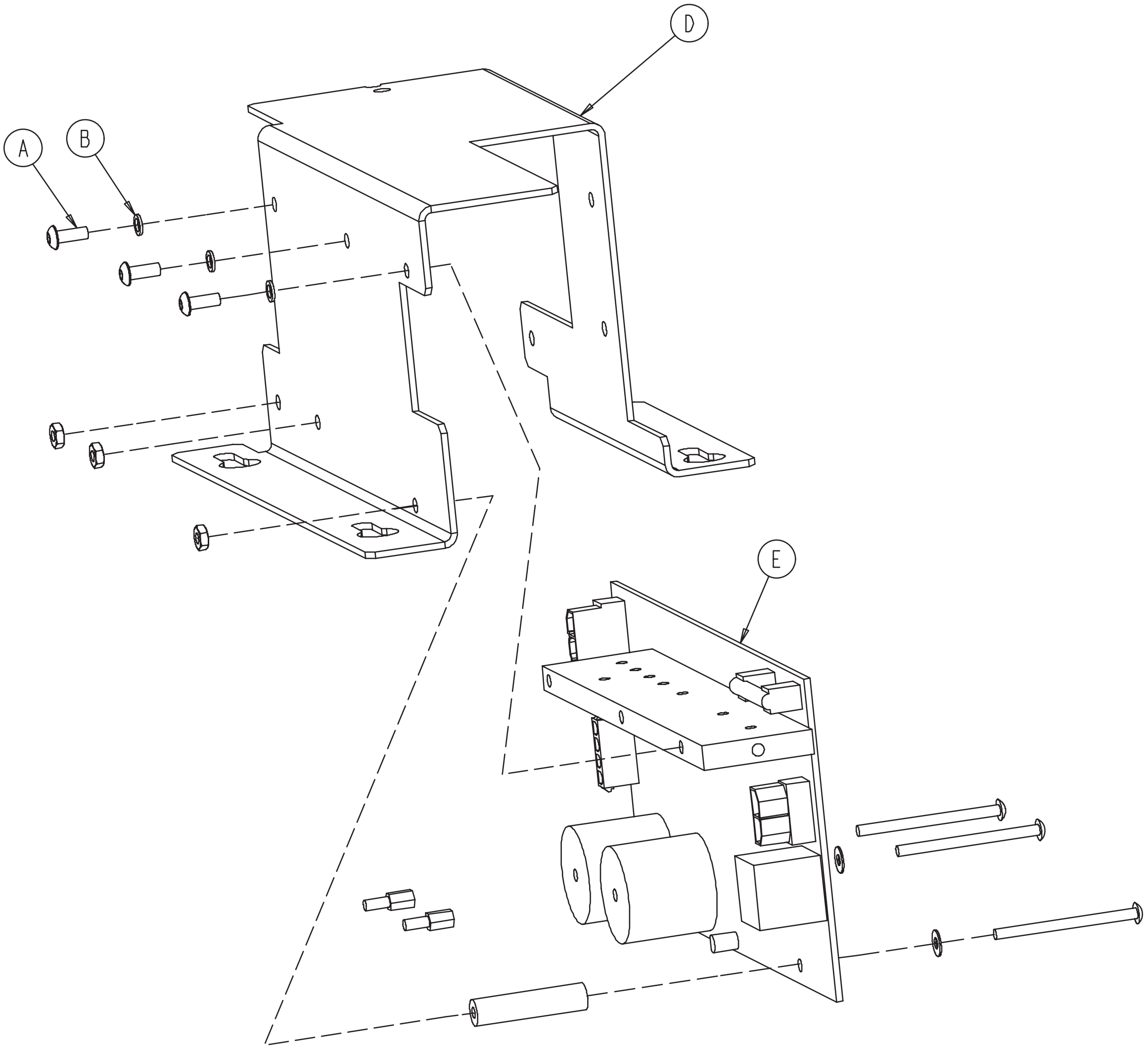
Battery Backup Option Power Assembly - 2030-001-030



Item	Part No.	Part Name	Qty.
A	0004-263-000	But. Hd. Cap Screw	3
B	0012-006-000	Helical Lock Washer	3
D	3002-001-017	Charger/Inverter Heat Bracket	1
E	3002-001-930	Charger/Inverter Board	1

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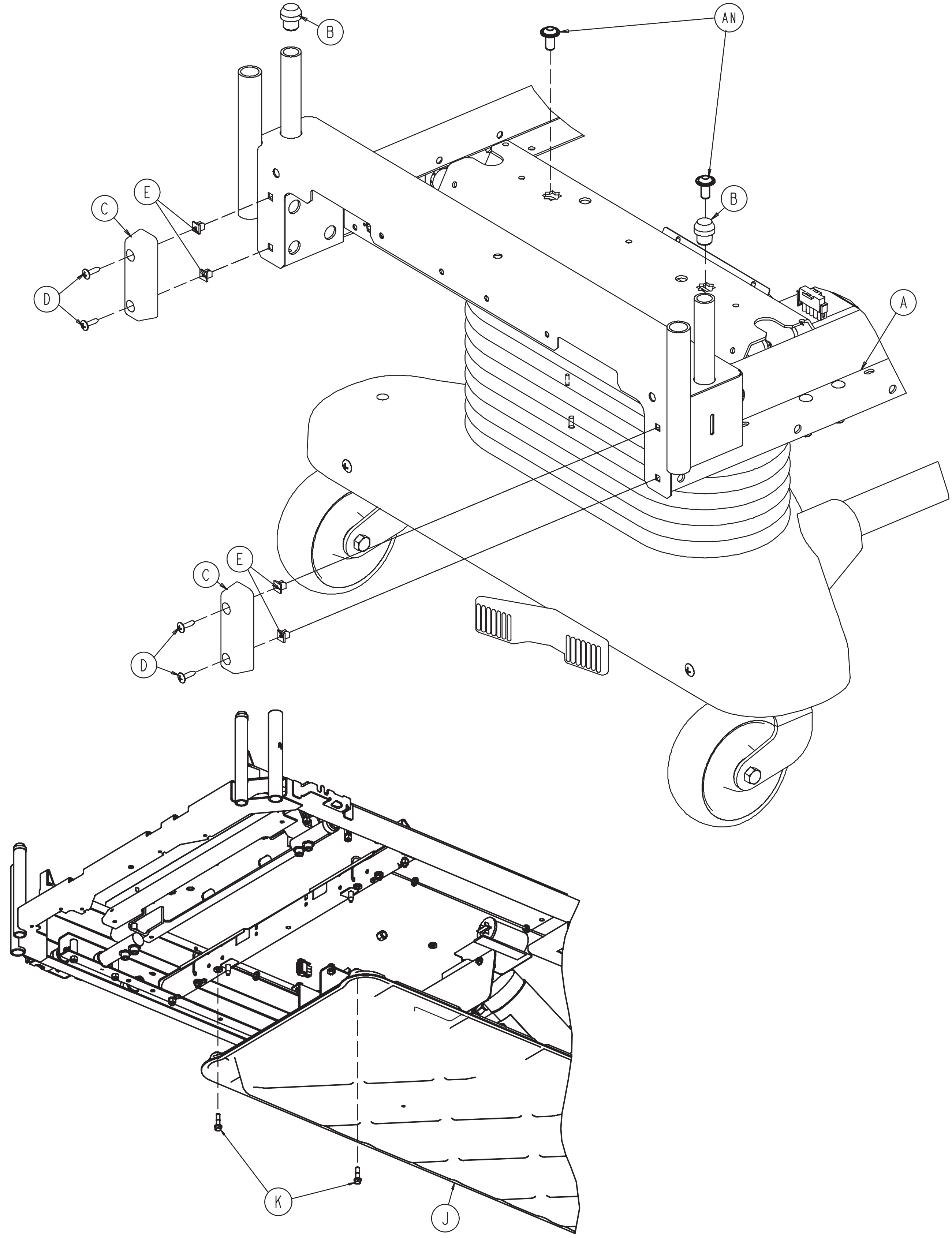
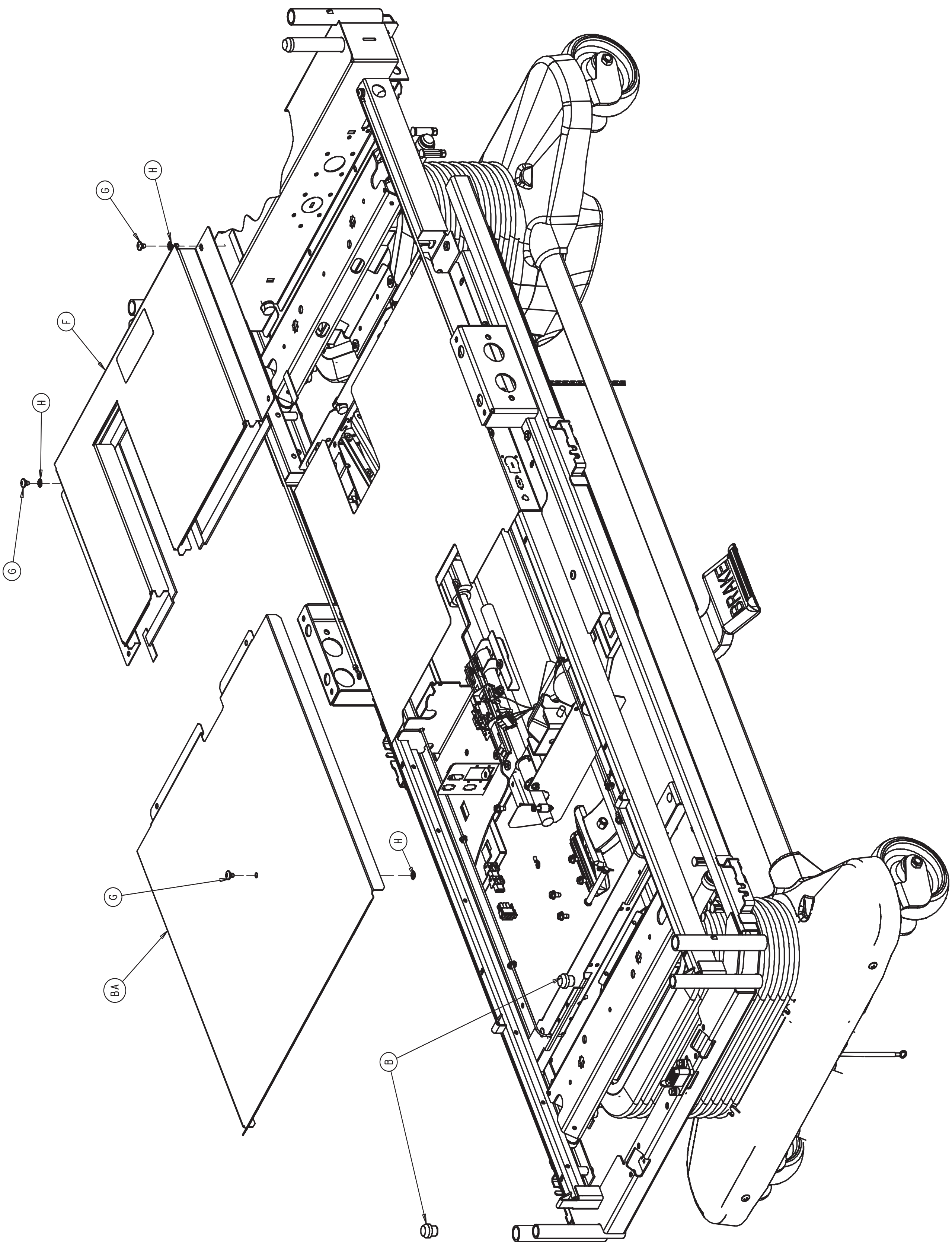
Litter Assembly

For Reference Only: 3003–300–002


B
AN
E
C
B
D
A
E
C
D
K
J

Litter Assembly


H
G
F
H
G
H
G
BA
B
BRAKE

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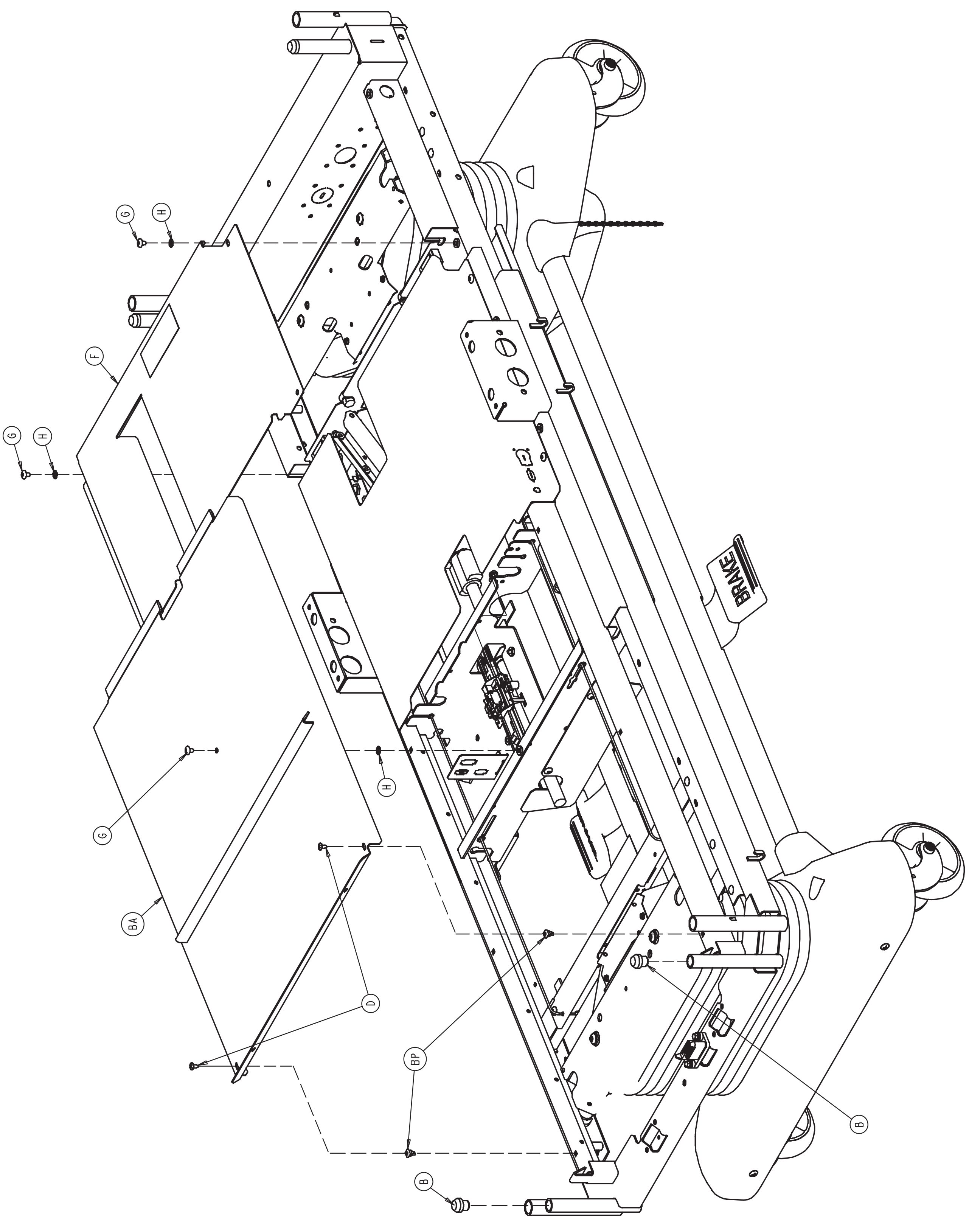
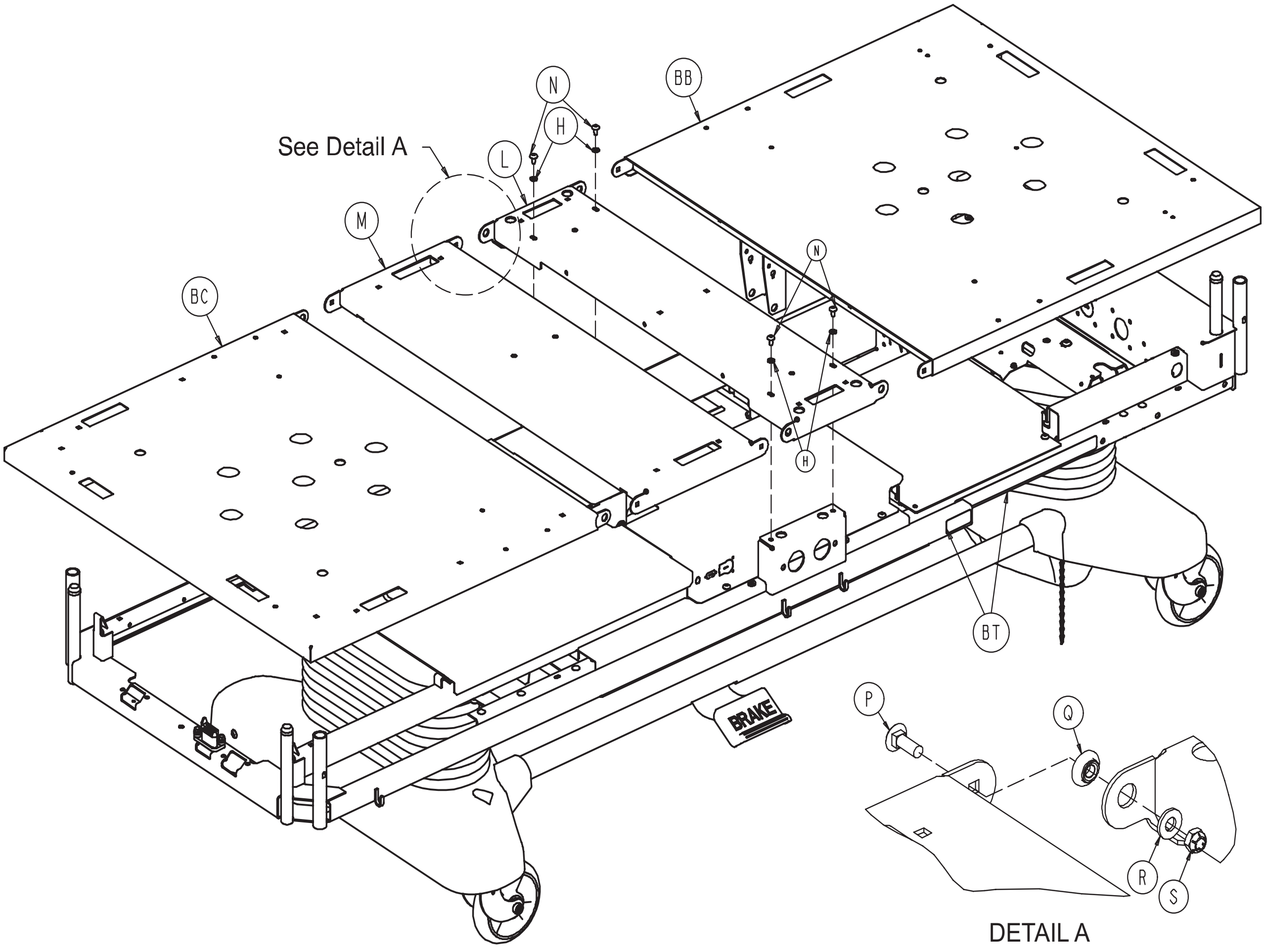
Litter Assembly

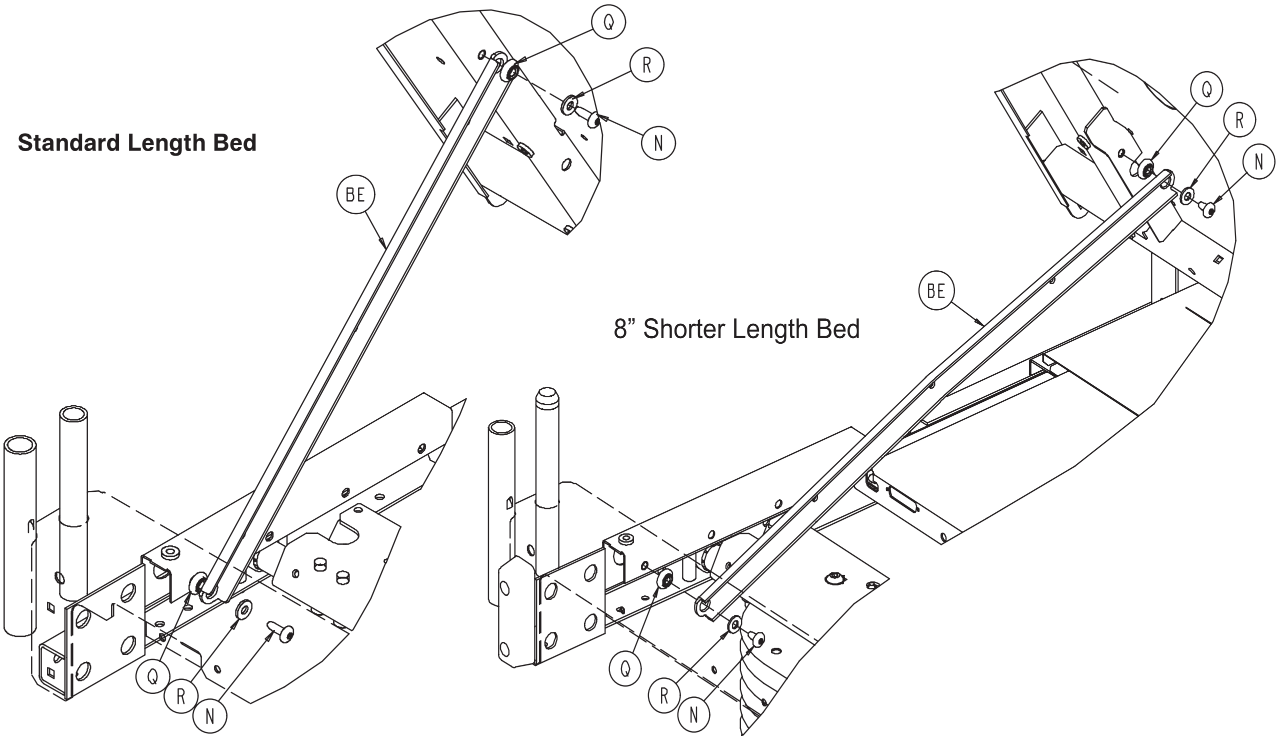

G
H
F
G
H
BRAKE
G
H
BA
D
BP
B
B

[Return To Table of Contents](#)

Litter Assembly


See Detail A
N
H
L
M
BB
BC
N
H
BT
BRAKE
P
Q
R
S

DETAIL A


Q
R
N
BE
Q
R
N
Q
R
N
BE
Q
R
N

Standard Length Bed

8” Shorter Length Bed

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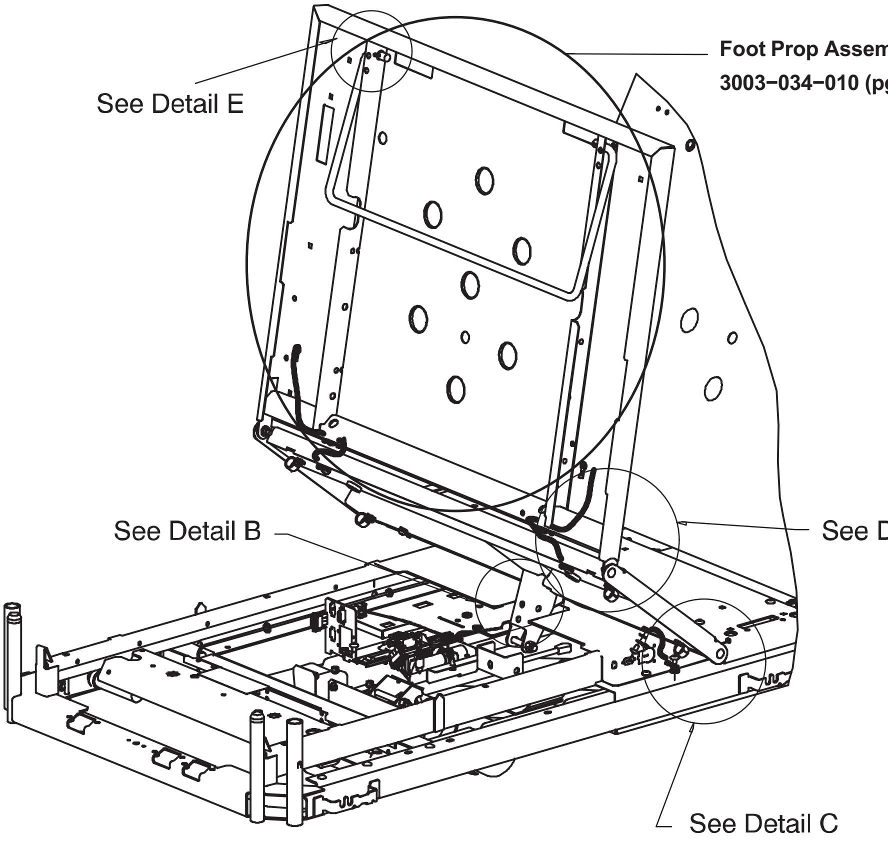
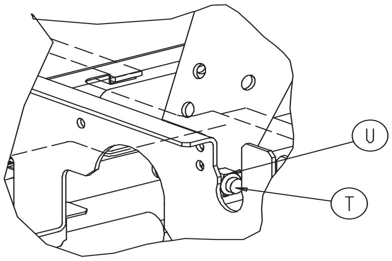
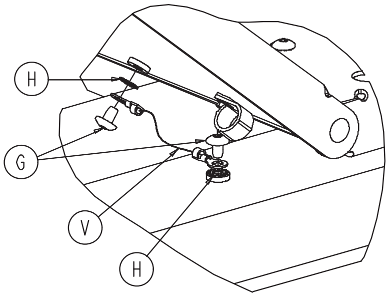
Litter Assembly

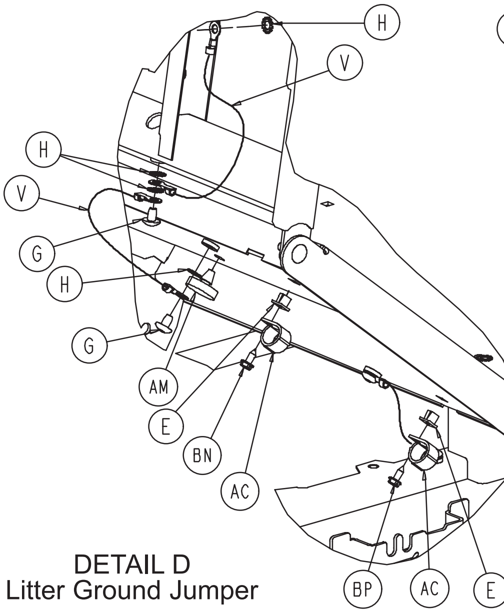

See Detail E
Foot Prop Assembly
3003–034–010 (pg.150)
See Detail B
See Detail D
See Detail C



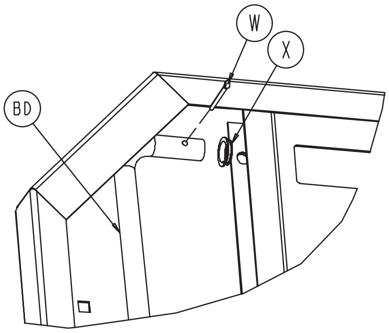
DETAIL B



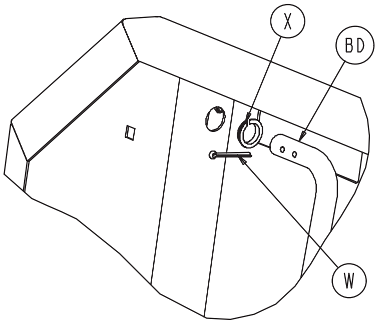
DETAIL C
Litter Ground Jumper


H
V
H
V
G
H
G
AM
E
BN
AC
BP
AC
E

DETAIL D
Litter Ground Jumper



DETAIL E
Standard Length Bed
Foot Prop Installation



DETAIL E
8” Shorter Length Bed
Foot Prop Installation

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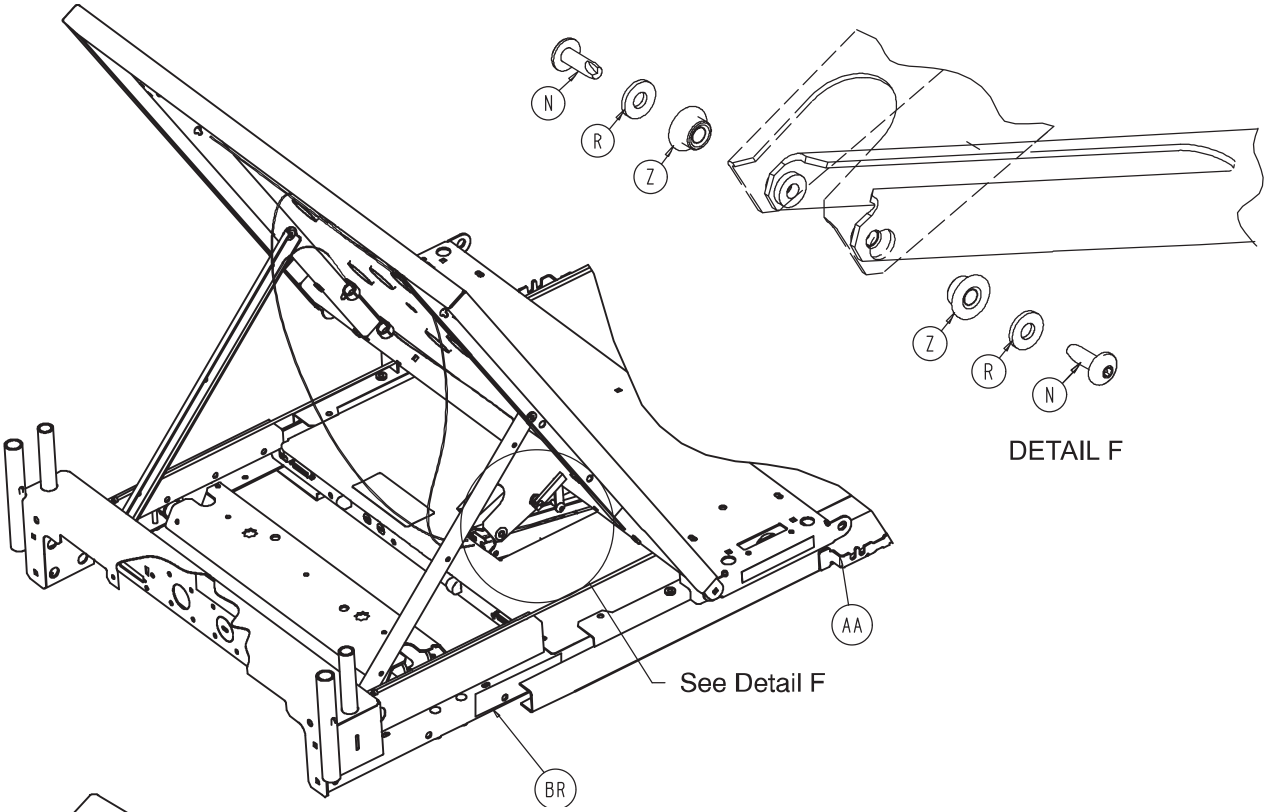
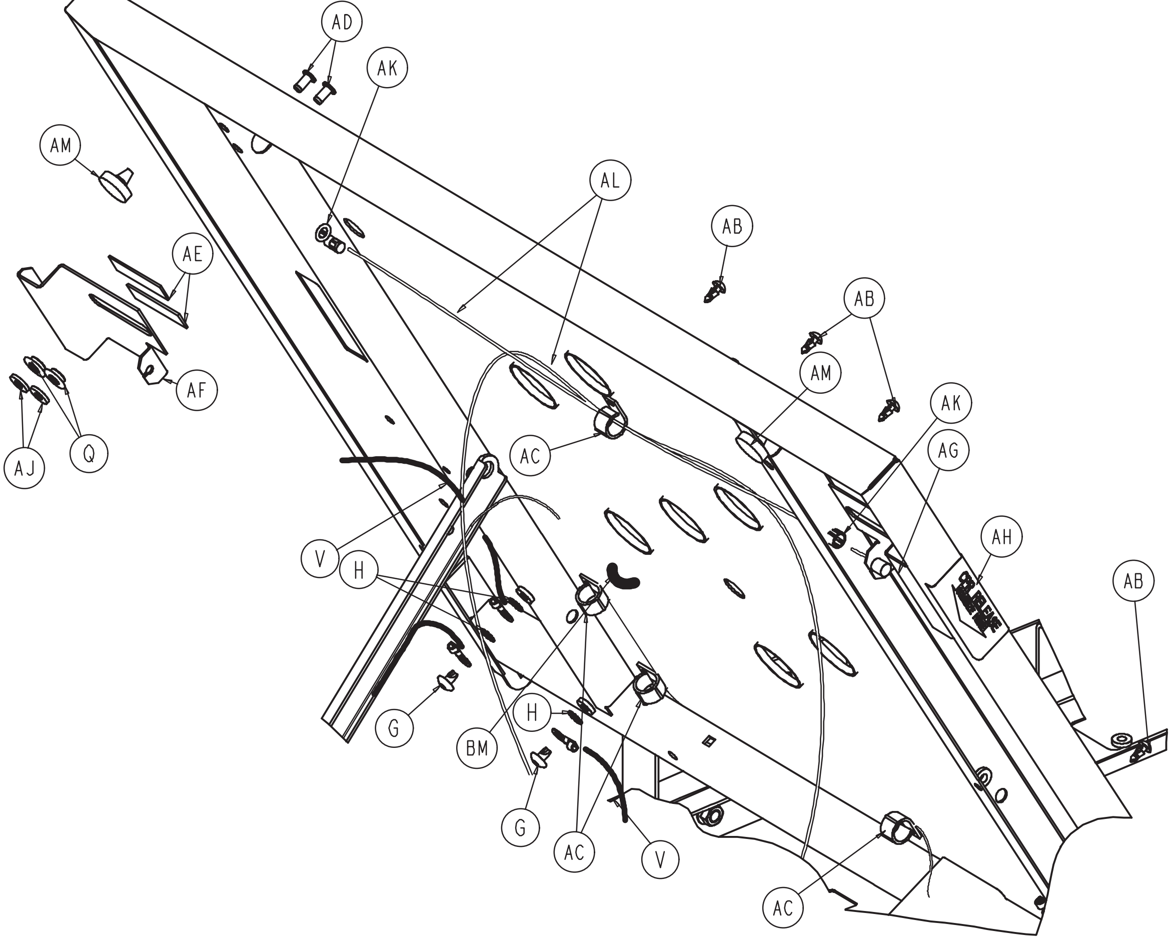
Litter Assembly


N
R
Z
Z
R
N
DETAIL F
AA
See Detail F
BR


AD
AK
AM
AL
AB
AE
AB
AF
AM
AK
AG
AJ
Q
AC
AH
AB
V
H
G
H
BM
G
AC
V
AC

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Litter Assembly - 3003-300-002

Litter Common Components – 3003–300–2 (reference only)

Item	Part No.	Part Name	Qty.
A	3002-300-895	Electrical Litter Ass’y (pg.157)	1
B	3000-300-349	Cap	4
F	3003-034-010	CPU Cover Ass’y (pg.155)	1
G	0007-053-000	Truss Hd. Screw	17
H	0013-010-000	Ext. Tooth Lock Washer	27
K	3001-200-229	Mounting StandOff	2
L	3003-300-135	Seat Litter	1
M	3001-300-170	Thigh Litter Ass’y	1
N	0007-063-000	Truss Hd. Screw	6
P	0005-017-000	Carriage Bolt	6
Q	3001-300-099	Fowler Bushing	14
R	0011-077-000	Flat Washer	12
S	0016-028-000	Fiber Lock Nut	6
T	0026-277-000	Clevis Pin	1
U	0027-022-000	Rue Ring Cotter	1
V	3002-300-870	Litter Ground Jumper	10
W	0027-007-000	Cotter Pin	2
X	0052-754-000	Bushing	2
AA	2020-088-820	Caution Label	2
AB	3000-300-477	CPR Conduit Stud	1
AC	0059-743-000	Wire Harness Clip	1
AD	0025-120-000	Pop Rivet	4
AE	3001-300-663	Velcro Strip	4
AF	3001-300-662	CPR Handle, Left	1
AG	3001-300-661	CPR Handle, Right	1
AH	3001-300-603	CPR Release Label	2
AJ	0011-376-000	Washer	4
AK	0030-052-000	Snap Bushing	2
AL	3001-300-670	CPR Cable Ass’y	2
AM	3001-300-008	Bumper	2
AN	0004-338-000	Flange But. Hd. Cap Scr.	4
AP	0007-065-000	Truss Hd. Screw	4
AR	0058-056-000	Black Edge Trim	3”

Std. Length Bed Litter - 3003-343-002 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-895	Electrical Litter Ass’y (pg.157)	1
C	3000-300-350	Head End Bumper	2
D	0023-080-000	Truss Hd. Screw	4
E	3000-300-002	Plastic Clip Nut	4
J	3002-300-083	Motion Interrupt Pan	1
Z	3000-300-099	Fowler Bushing	2
AM	3001-300-008	Bumper	2
BA	3003-034-010	Foot Cover Ass’y (pg.156)	1
BB	3002-300-145	Fowler Litter Ass’y	1
BC	3003-300-190	Foot Litter Ass’y	1
BD	3003-300-162	Foot Prop Rod (option)	1
BE	3001-300-005	Fowler Link	2
BR	3002-300-602	Fowler Angle Label	1

8” Shorter Litter Option - 3003-342-002 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-895	Electrical Litter Ass’y (pg.157)	1
C	3000-300-350	Head End Bumper	2
D	0023-080-000	Truss Hd. Screw	6
E	3000-300-002	Plastic Clip Nut	4
J	3001-300-083	Motion Interrupt Pan	1
Z	3001-300-099	Fowler Bushing	2
AM	3001-300-008	Bumper	2
BA	3003-034-010	Foot Cover Ass’y (pg.156)	1
BB	3002-342-130	Fowler Litter Ass’y	1
BC	3002-342-180	Foot Litter Assembly	1
BD	3001-342-162	Foot Prop Rod (option)	1
BE	3001-342-008	Fowler Link	2
BP	0052-816-000	Screw Grommet	2
BR	3002-300-602	Fowler Angle Label	1

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Litter Assembly - 3003-300-002

Zoom Litter Option - 3003-344-002 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-350-110	Battery Backup Ass’y (pg.162)	1
J	3002-300-083	Motion Interrupt Pan	1
Z	3000-300-099	Fowler Bushing	2
AM	3001-300-008	Bumper	2
BE	3001-300-005	Fowler Link	2
BA	3003-034-010	Foot Cover Ass’y (pg.156)	1
BB	3002-300-145	Fowler Litter Ass’y	1
BC	3003-300-190	Foot Litter Ass’y	1
BD	3003-300-162	Foot Prop Rod (option)	1
BR	3002-300-602	Fowler Angle Label	1

8” Shorter Zoom Litter Option - 3003-346-002 (Ref. Only)

Item	Part No.	Part Name	Qty.
A	3002-300-895	Electrical Litter Ass’y (pg.157)	1
D	0023-080-000	Truss Hd. Screw	2
J	3002-300-083	Motion Interrupt Pan	1
Z	3001-300-099	Fowler Bushing	2
AM	3001-300-008	Bumper	2
BA	3003-034-010	Foot Cover Ass’y (pg.156)	1
BB	3002-342-130	Fowler Litter Ass’y	1
BC	3002-342-180	Foot Litter Ass’y	1
BD	3001-342-162	Foot Prop Rod (option)	1
BE	3001-342-008	Fowler Link	2
BP	0052-816-000	Screw Grommet	2
BR	3002-300-602	Fowler Angle Label	1

Battery Backup Litter Option - 3003-350-200 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-350-1110	Battery Backup Ass’y (pg.162)	1
J	3002-300-083	Motion Interrupt Pan	1
Z	3000-300-099	Fowler Bushing	2
AM	3001-300-008	Bumper	2
BE	3001-300-005	Fowler Link	2
BA	3003-034-010	Foot Cover Ass’y (pg.156)	1
BB	3002-300-145	Fowler Litter Ass’y	1
BC	3003-300-190	Foot Litter Ass’y	1
BD	3003-300-162	Foot Prop ROd (option)	1
BR	3002-300-602	Fowler Angle Label	1

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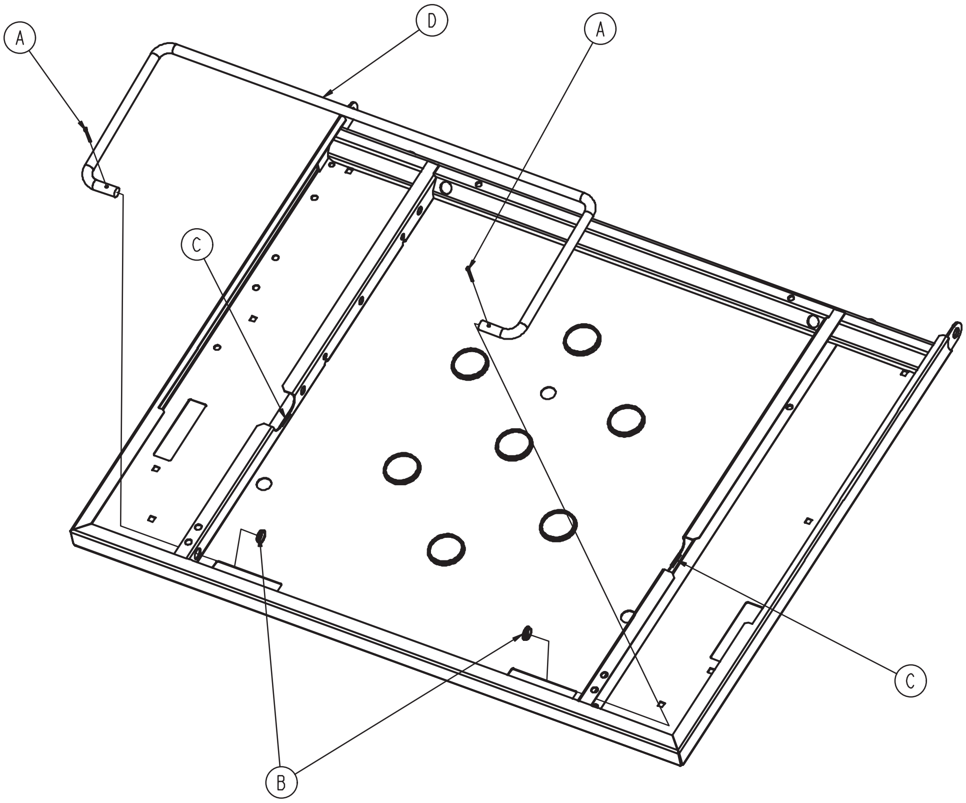
Foot Prop Assembly, Standard Length Bed - 3003-034-010



Item	Part No.	Part Name	Qty.
A	0027-007-000	Cotter Pin	2
B	0052-754-000	Bushing	2
C	0058-056-000	Black Edge Trim	3”
D	3003-300-1627	Rod, Foot Prop	1

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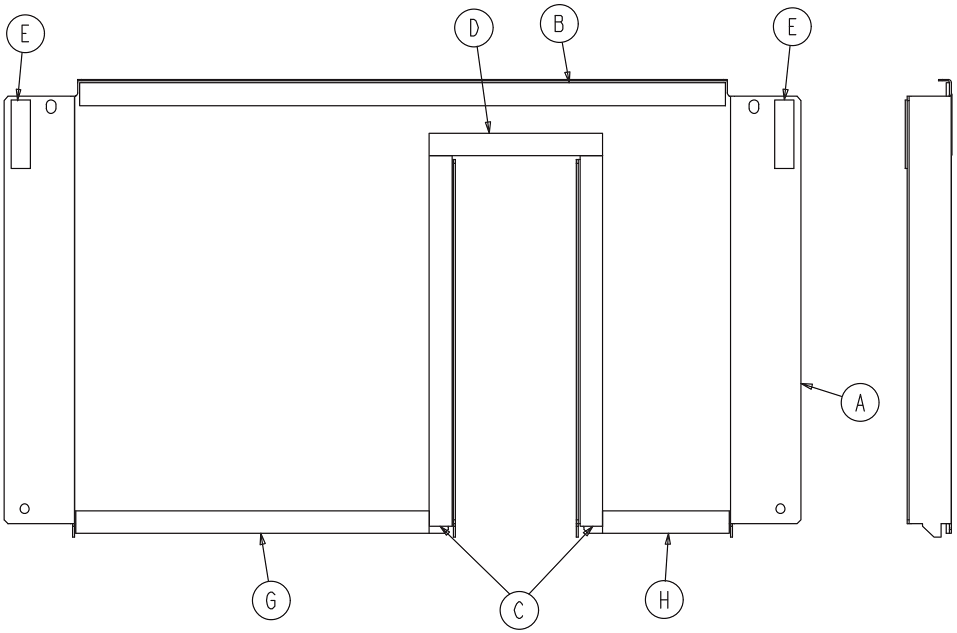
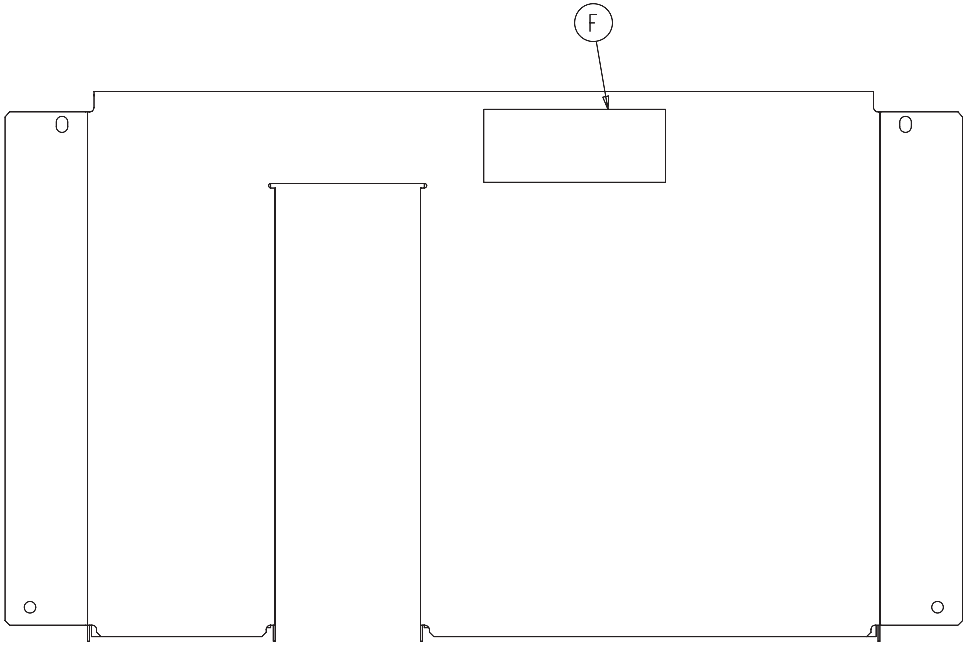
Litter CPU Cover Assembly - 3001-300-097





Item	Part No.	Part Name	Qty.
A	3001-300-098	CPU Cover	1
B	7900-001-291	Foam Tape (21.38”)	1
C	7900-001-291	Foam Tape (12.25”)	2
D	7900-001-291	Foam Tape (5.75”)	1
E	3001-300-663	Velcro Strip	2
F	0988-002-708	Service Caution Label	1
G	7900-001-291	Foam Tape (11.75”)	1
H	7900-001-291	Foam Tape (4.25”)	1

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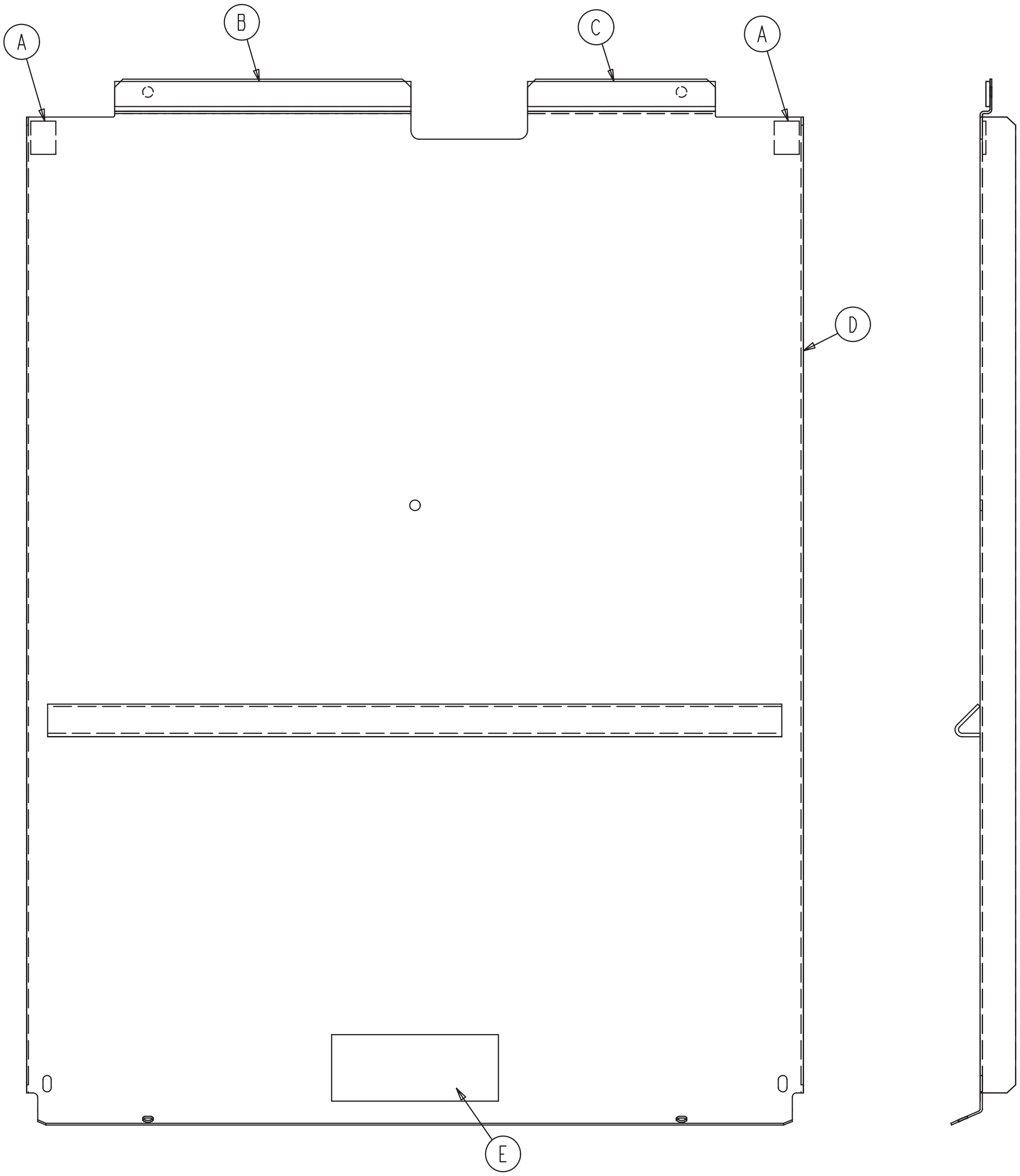
Foot Cover Assembly, Standard Bed - 3003-300-042

Foot Cover Assembly, 8” Shorter Bed - 3001-342-041



Item	Part No.	Part Name	Qty.
A	7900-001-291	Foam Tape (5.63”)	1
B	7900-001-291	Foam Tape (8.88”)	1
C	7900-001-291	Foam Tape (1”)	4
D	3003-300-043	Foot Cover (Standard)	1
	3001-342-042	Foot Cover (8” Shorter Bed)	1
E	0988-002-708	Service Caution Label	1

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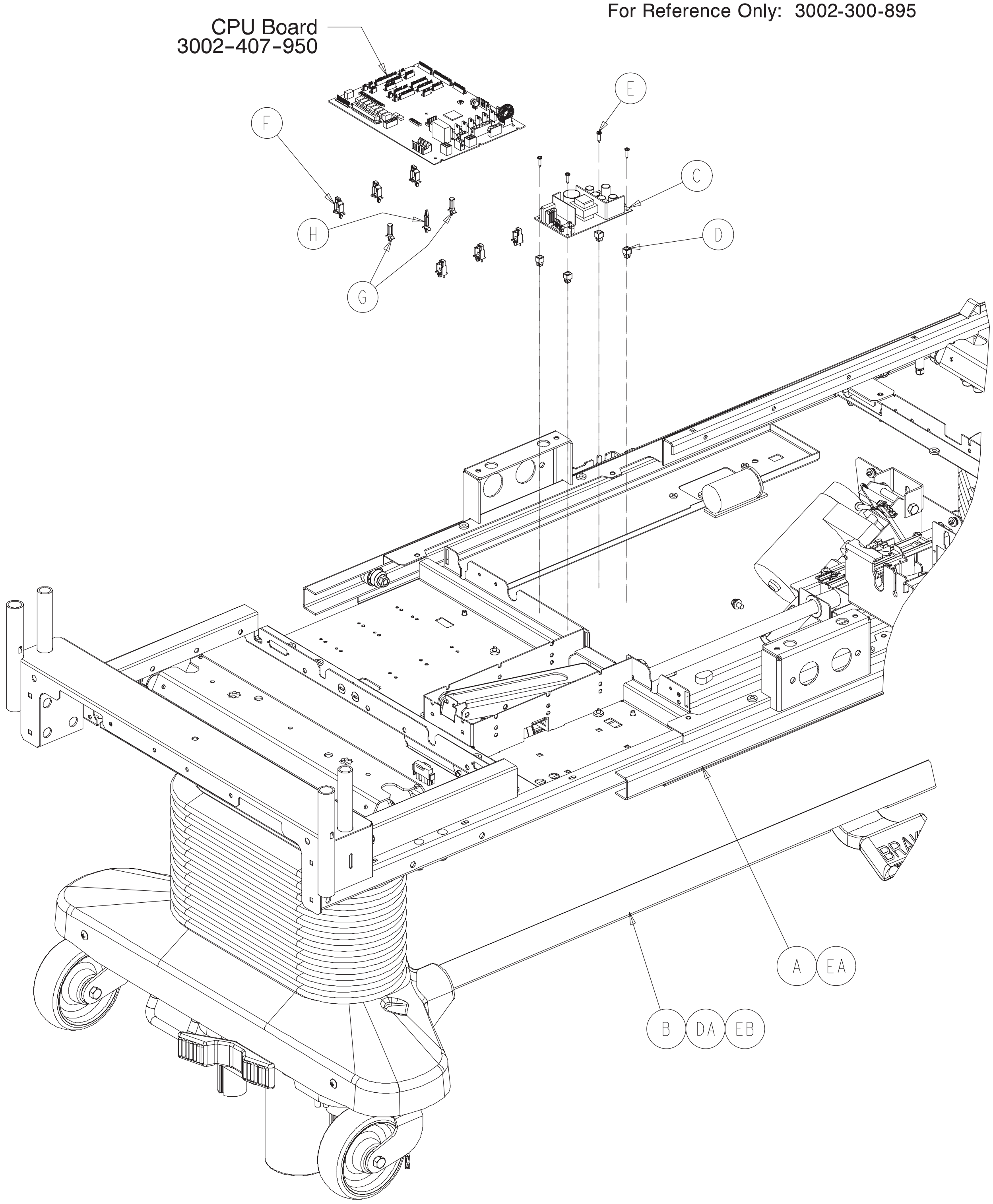
Electrical Litter Assembly

For Reference Only: 3002-300-895


CPU Board
3002-407-950
E
F
C
H
D
G
A
EA
B
DA
EB
BRA

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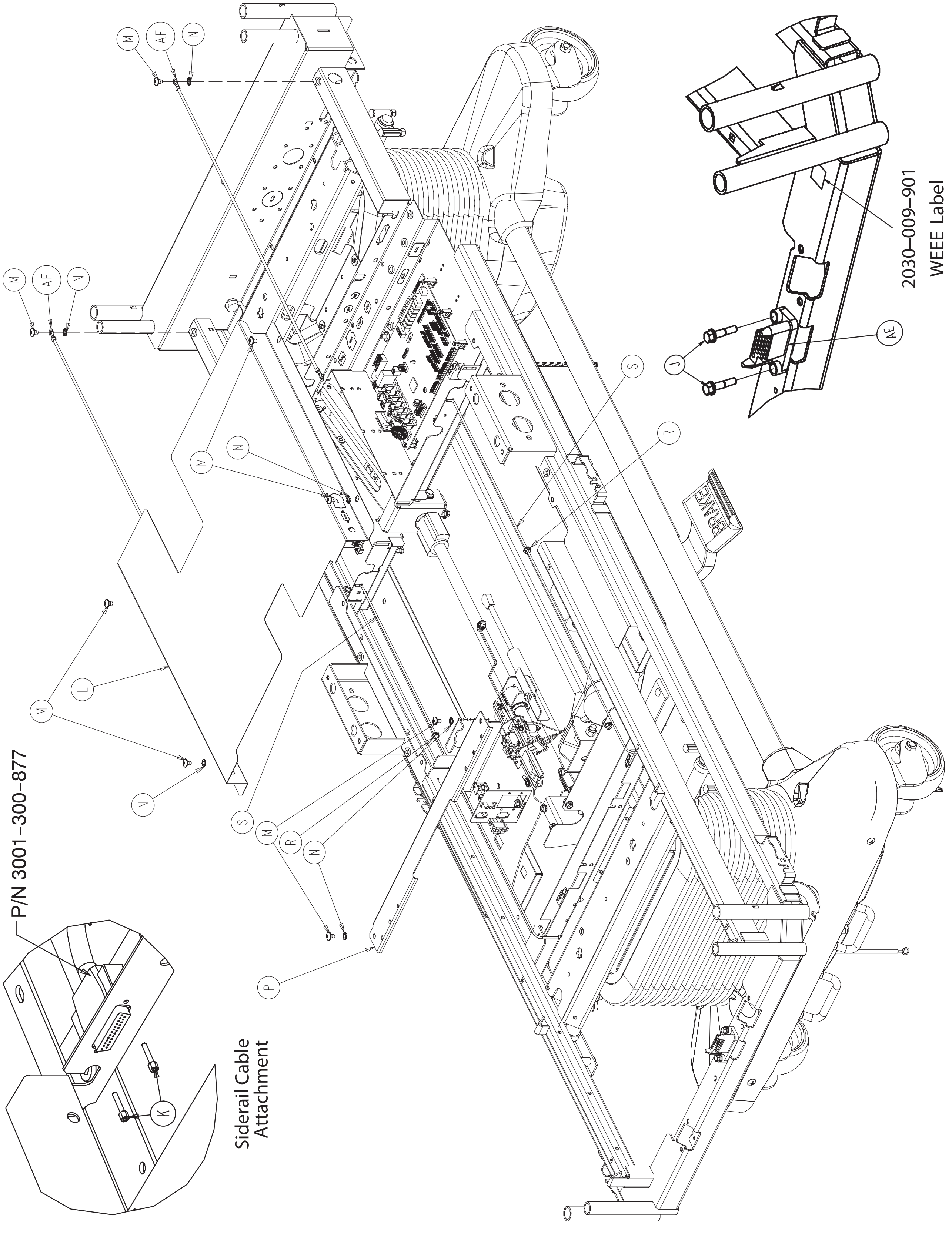
Electrical Litter Assembly


M
AF
N
M
AF
N
M
N
L
M
N
P/N 3001-300-877
S
M
R
N
P
Siderail Cable Attachment
K
2030-009-901
WEEE Label
AE
J
S
R
BRAKE

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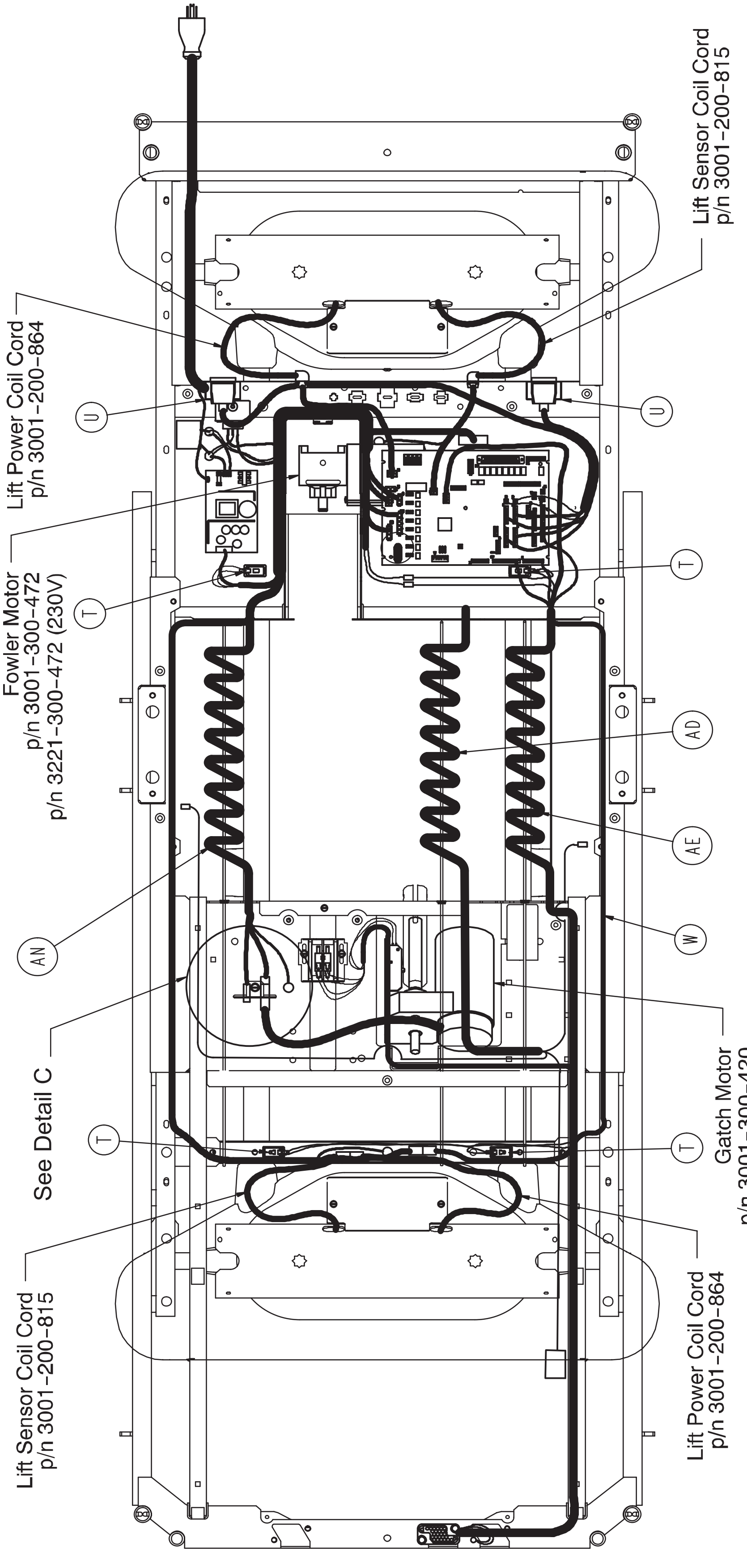
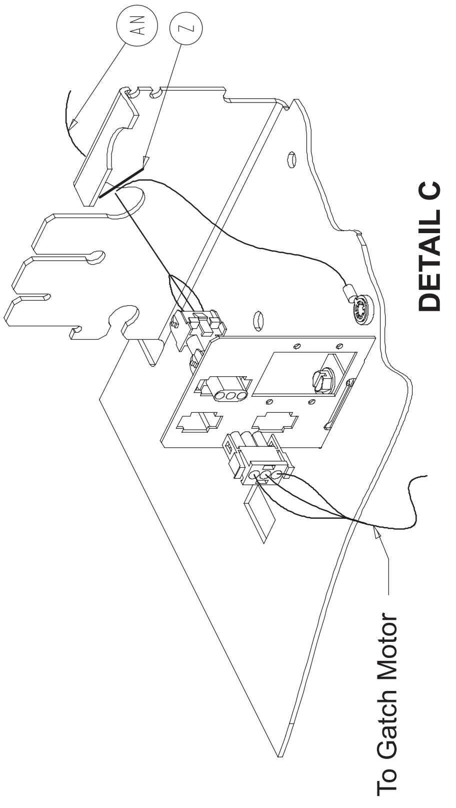
Electrical Litter Assembly


Lift Sensor Coil Cord
p/n 3001-200-815
Lift Power Coil Cord
p/n 3001-200-864
U
U
Fowler Motor
p/n 3001-300-472
p/n 3221-300-472 (230V)
T
T
AD
AE
AN
W
See Detail C
Gatch Motor
p/n 3001-300-420
T
T
Lift Sensor Coil Cord
p/n 3001-200-815
Lift Power Coil Cord
p/n 3001-200-864


AN
Z
To Gatch Motor

DETAIL C

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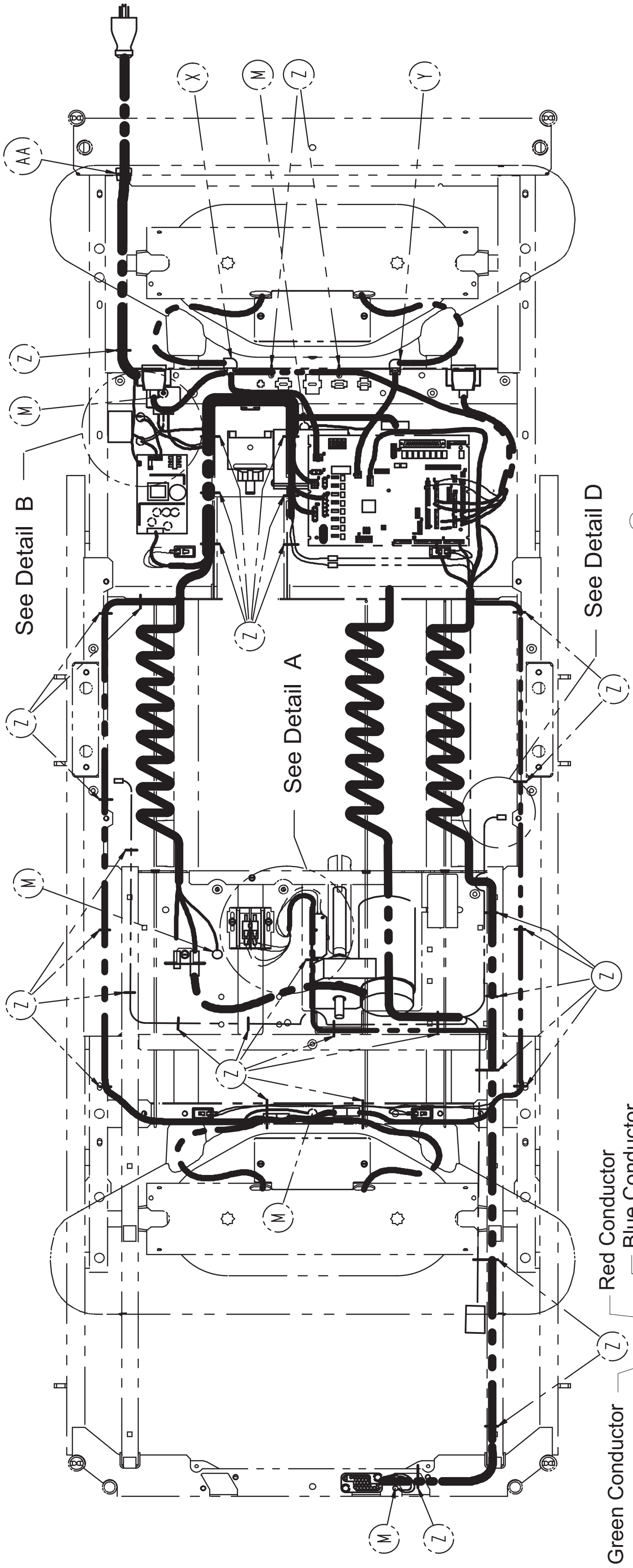
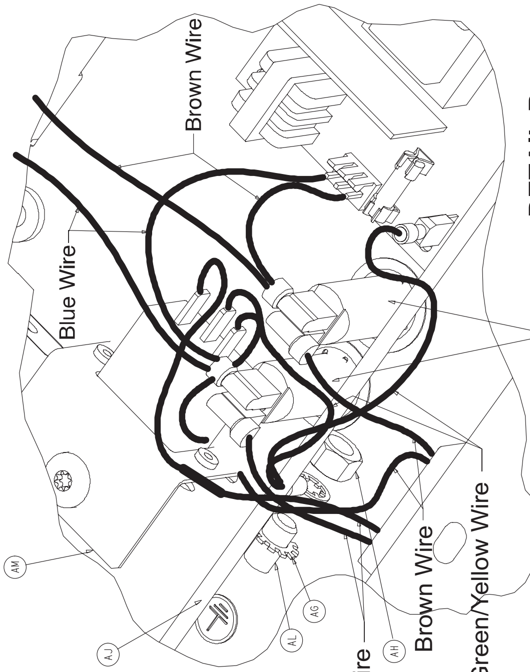
Electrical Litter Assembly

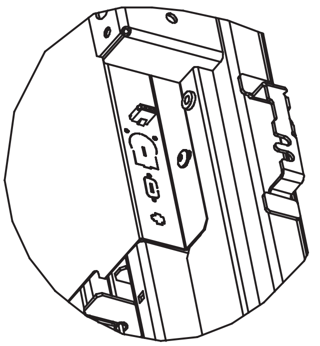

AA
X
M
Z
Y
See Detail B
See Detail A
See Detail D

DETAIL B
115V BED/230V BED

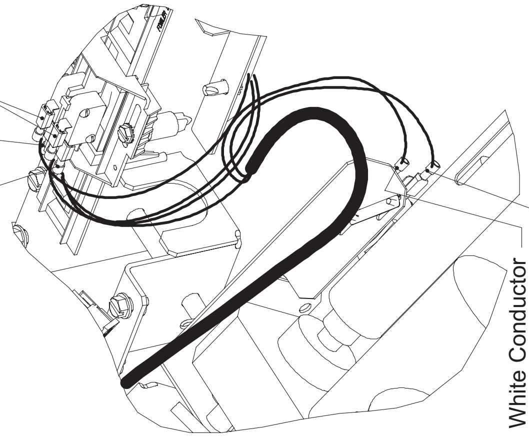

Brown Wire
Blue Wire
AM
AJ
AL
AG
AH
Blue Wire
Brown Wire
Green/Yellow Wire

7A Circuit Breaker: p/n 59-179
4A Circuit Breaker (230V): p/n 59-178

DETAIL D
Panel Mount Connector
shown here



DETAIL A


Red Conductor
Blue Conductor
Green Conductor
White Conductor
Black Conductor

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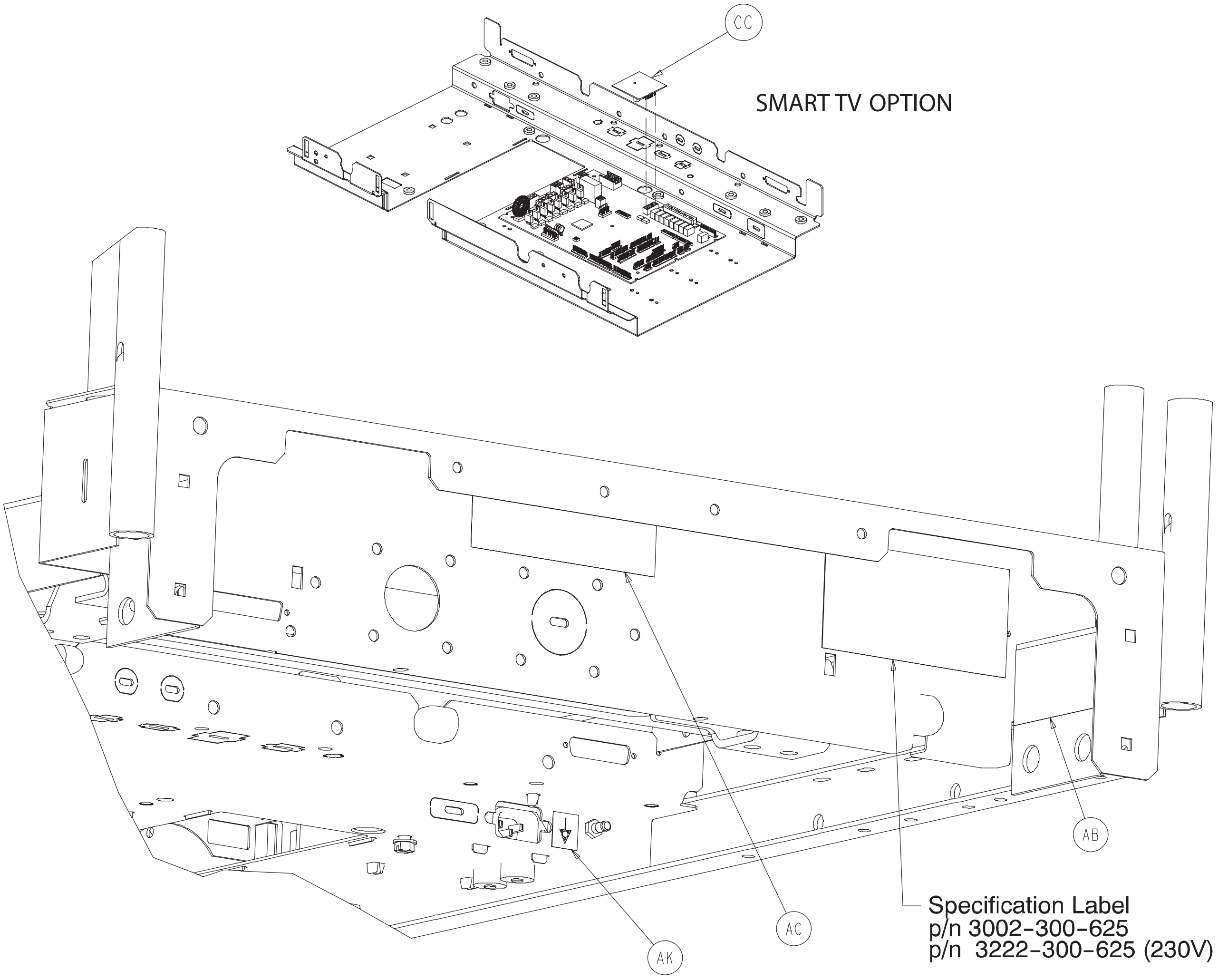
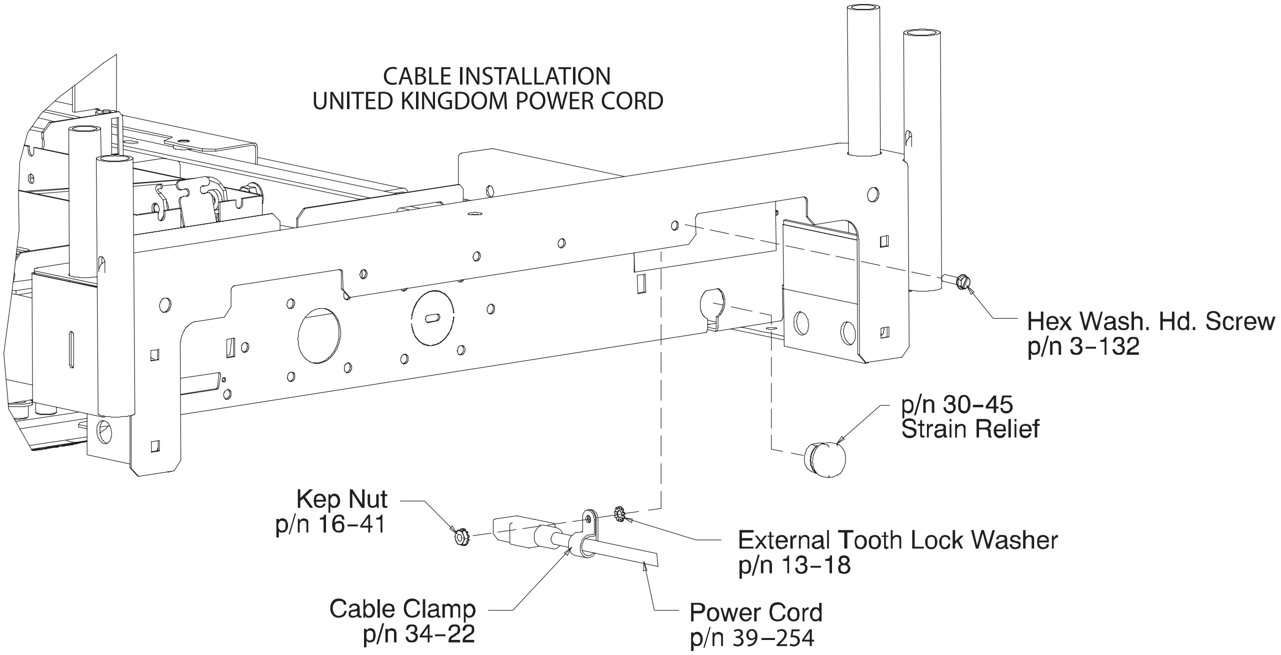
Electrical Litter Assembly


CC
SMART TV OPTION
AB
AC
AK
Specification Label
p/n 3002-300-625
p/n 3222-300-625 (230V)


CABLE INSTALLATION
UNITED KINGDOM POWER CORD
Hex Wash. Hd. Screw
p/n 3-132
p/n 30-45
Strain Relief
Kep Nut
p/n 16-41
External Tooth Lock Washer
p/n 13-18
Cable Clamp
p/n 34-22
Power Cord
p/n 39-254

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Electrical Litter Assembly

Electrical Litter Assembly - Common Components - 3002-300-895 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-200-003	Base Assembly (pg.104)	1
C	0059-157-000	Power Supply	1
D	0052-287-000	Grommet	4
E	0023-138-000	Ph. Hd. Screw	4
F	0059-745-000	Board Mount	6
G	0059-773-000	Push Spacer	2
H	0059-774-000	Locking Circuit Bd. Supt.	1
J	3001-200-228	Mounting StandOff	2
K	3001-300-007	Screw	4
L	3001-300-088	Mid Litter Cover Ass'y	1
M	0007-053-000	Truss Hd. Torx Screw	13
N	0013-010-000	Ext. Tooth Lock Washer	6
P	3001-300-023	Cross Support Cover	1
R	0052-822-000	Nyliner Bearing	3
S	3001-300-011	Guide Rod	3

Item	Part No.	Part Name	Qty.
T	3000-300-058	Switch Plunger	4
U	3001-300-877	Siderail Extension Cable	1
W	3001-300-865	Mot. Int. Lift Sen. Cable	1
X	0030-048-000	Strain Relief	1
Y	0030-047-000	Strain Relief	1
Z	3000-300-113	Cable Tie	34
AA	0030-027-000	Strain Relief	1
AB	2011-001-104	Warning Label	1
AC	1550-090-001	Hosp. Grade Plug Label	1
AD	3002-345-808	Siderail Coil Cable	1
AF	3002-300-874	Litter Ground Jumper	2
AG	0013-038-000	Lock Washer	1
AH	0016-033-000	Kep Nut	1
AJ	0036-046-000	Ground Label	1
AK	0036-115-000	Ground Label	1
AL	2011-001-215	Grounding Lug	1
AN	3002-300-861	Power Harness	1
AP	3002-300-601	Foley Bag Hook Label	2

Standard Bed - 3002-343-895 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-001-003	Base Assembly (pg.104)	1
AE	3002-300-866	Litter Signal Coil Cable	1
AM	3002-300-881	Power Inlet Cable	1

8" Shorter Bed - 3002-342-895 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-200-003	Base Assembly (pg.104)	1
AE	3002-300-866	LItter Signal Coil Cable	1
AM	3002-300-881	Power Inlet Cable	1

Zoom Option - 3002-344-895 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-200-003	Base Assembly (pg.104)	1
AE	3002-300-866	Litter Signal Coil Cable	1
AM	3002-300-881	Power Inlet Cable	1

Zoom 8" Shorter Bed Option - 3002-346-895 (Ref. Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-200-003	Base Assembly (pg.104)	1
AE	3002-300-866	Litter Signal Coil Cable	1
AM	3002-300-881	Power Inlet Cable	1

Smart TV Option - 3002-999-229 (Reference Only)

Item	Part No.	Part Name	Qty.
CC	3002-039-800	Smart TV Board	1

Smart TV Interface w/Relays Option - 3002-346-895 (Ref. Only)

Item	Part No.	Part Name	Qty.
CA	0059-727-000	Jackscrew	2
CB	2035-232-806	Smart TV Control Cable	1
CC	3001-330-980	Smart TV Plug/PCB Ass'y	1

Battery Backup Option - 3002-350-110 (Reference Only)

Item	Part No.	Part Name	Qty.
A	3002-300-197	Litter Ass'y, Mech. (pg.163)	1
B	3002-200-003	Base Assembly (pg.104)	1
AE	3002-300-866	Litter Signal Coil Cable	1
EA	3002-450-150	Enclosure Assembly (pg.196)	1
EB	3002-350-170	Base Assembly (pg.140)	1
AM	3002-300-881	Power Inlet Cable	1

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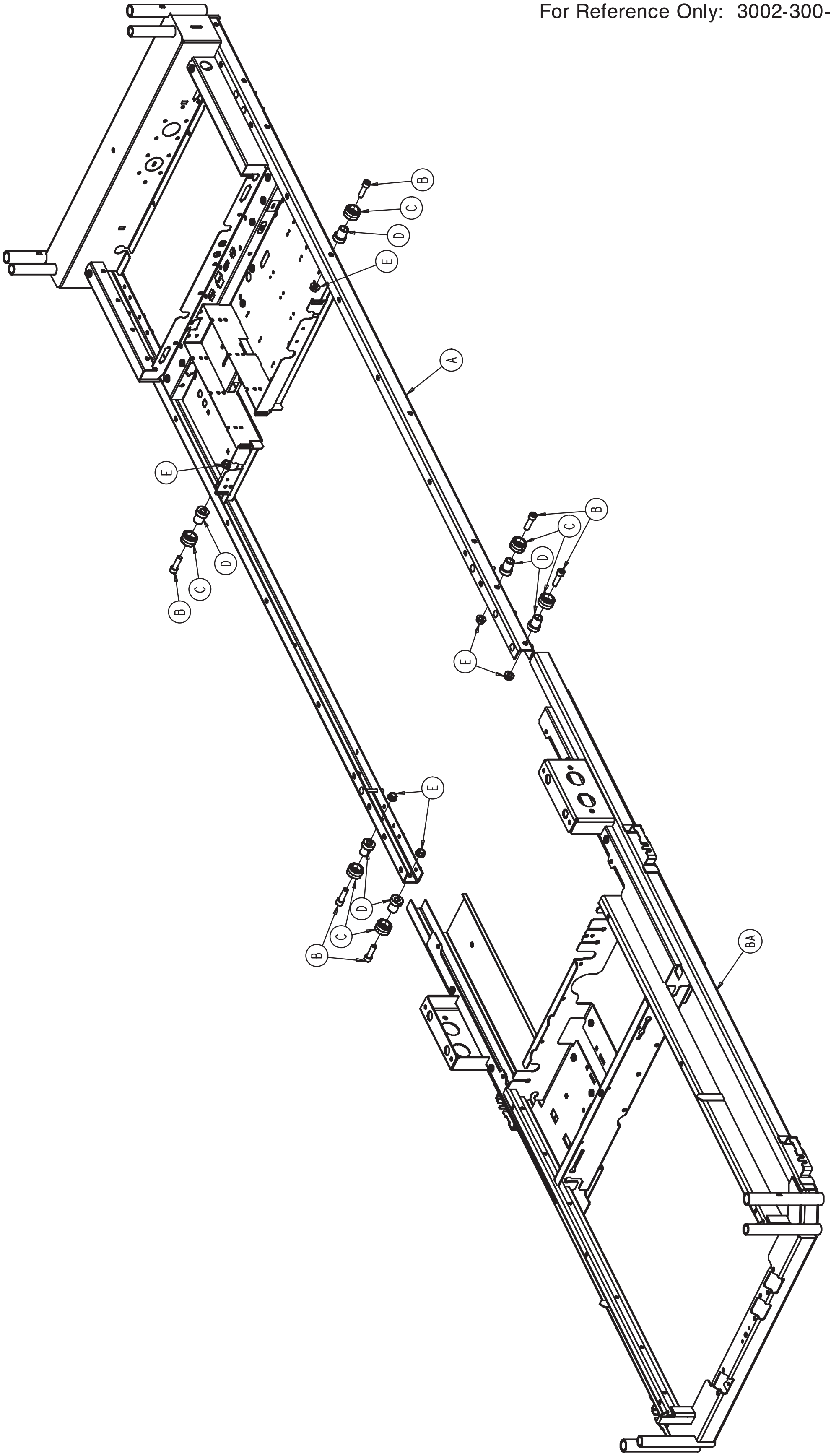
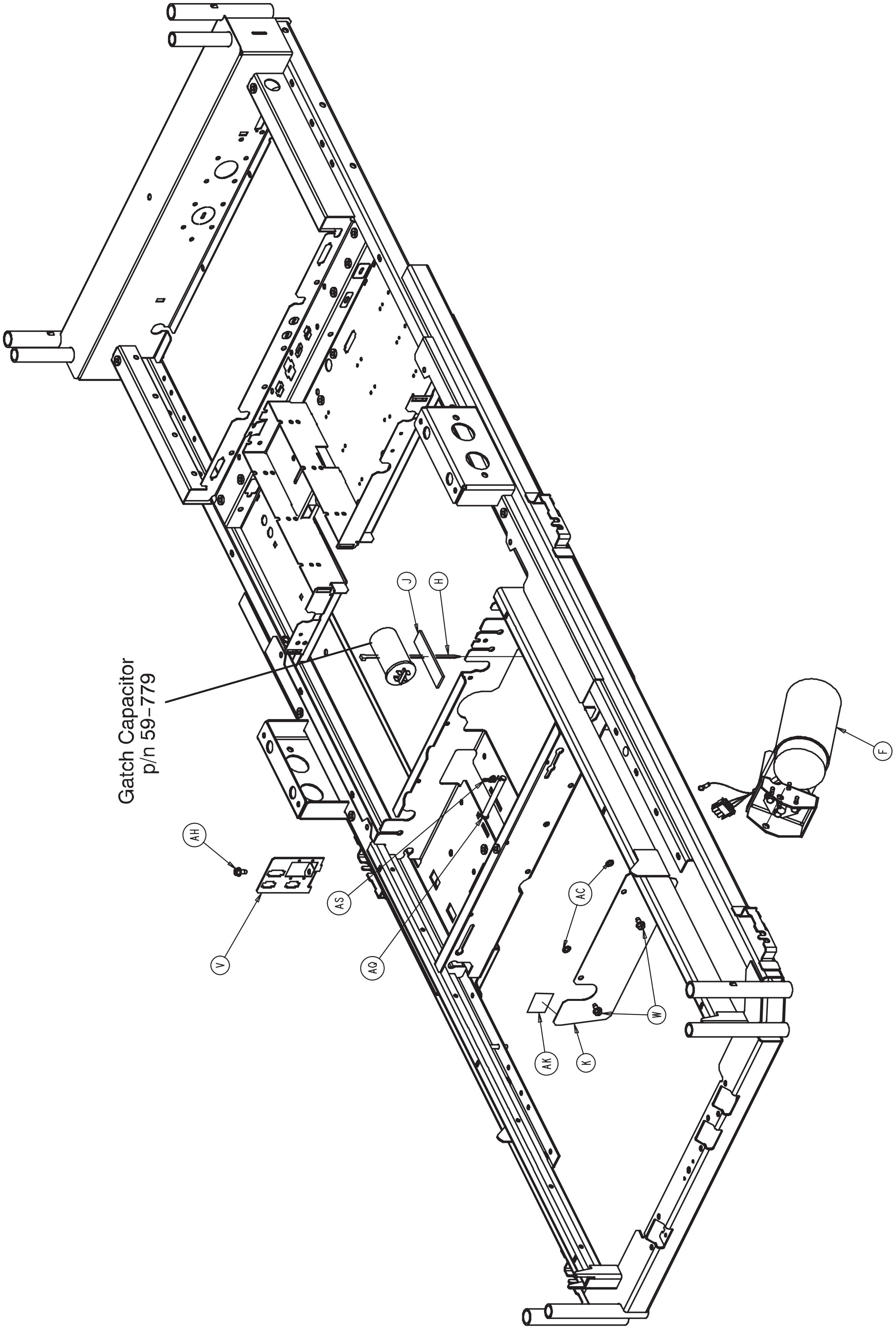
Mechanical Litter Assembly

For Reference Only: 3002-300-197


B
C
D
E
A
E
D
C
B
B
C
D
E
E
D
C
B
BA

Mechanical Litter Assembly


Gatch Capacitor
p/n 59-779
J
H
F
AH
AS
AC
V
AQ
W
AK
K

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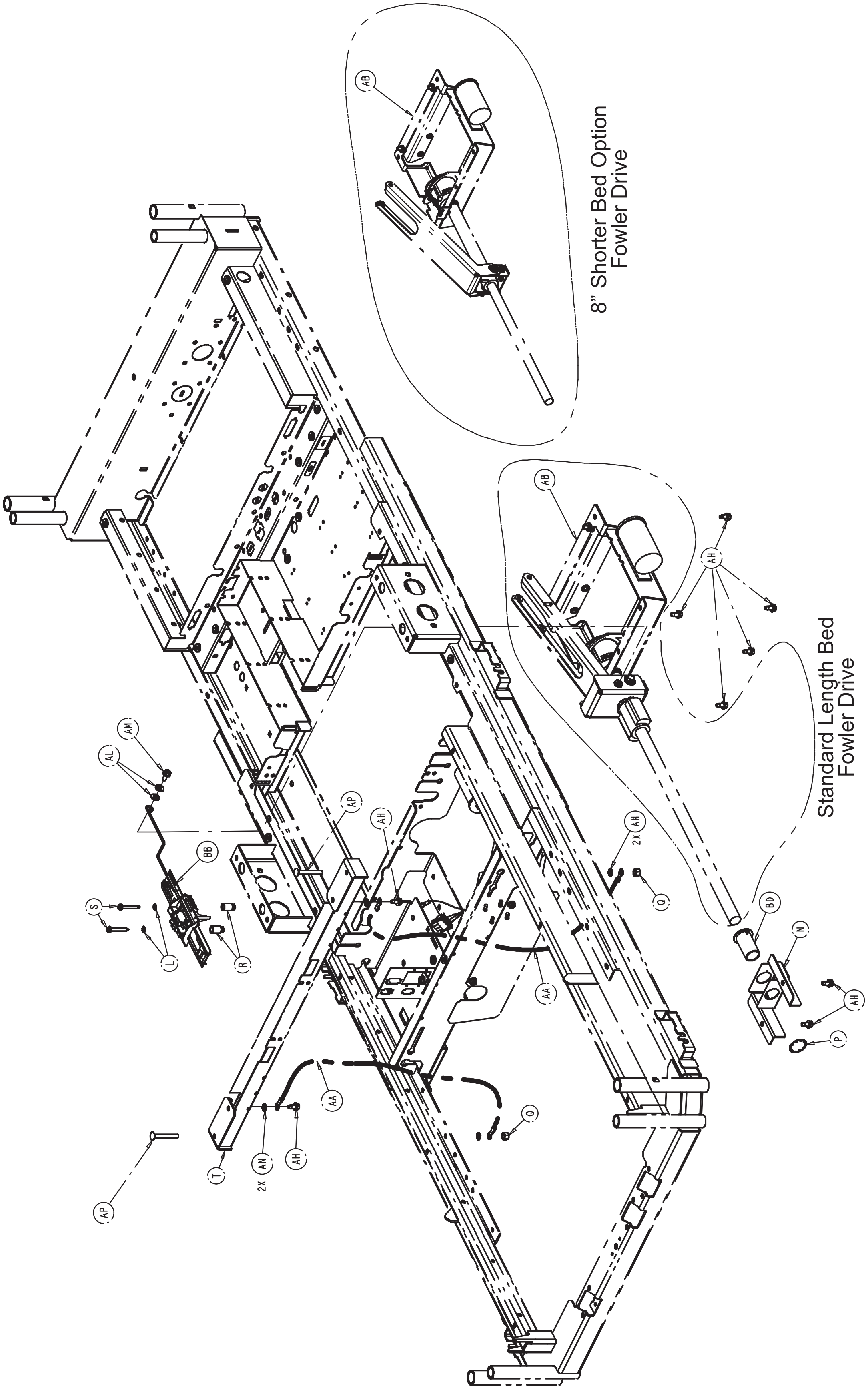
Mechanical Litter Assembly


AB
8” Shorter Bed Option
Fowler Drive
AB
AH
Standard Length Bed
Fowler Drive
AM
AL
AP
AH
2X AN
Q
BD
N
BB
S
L
R
AA
AH
P
AA
Q
T
AN
AH
2X
AP

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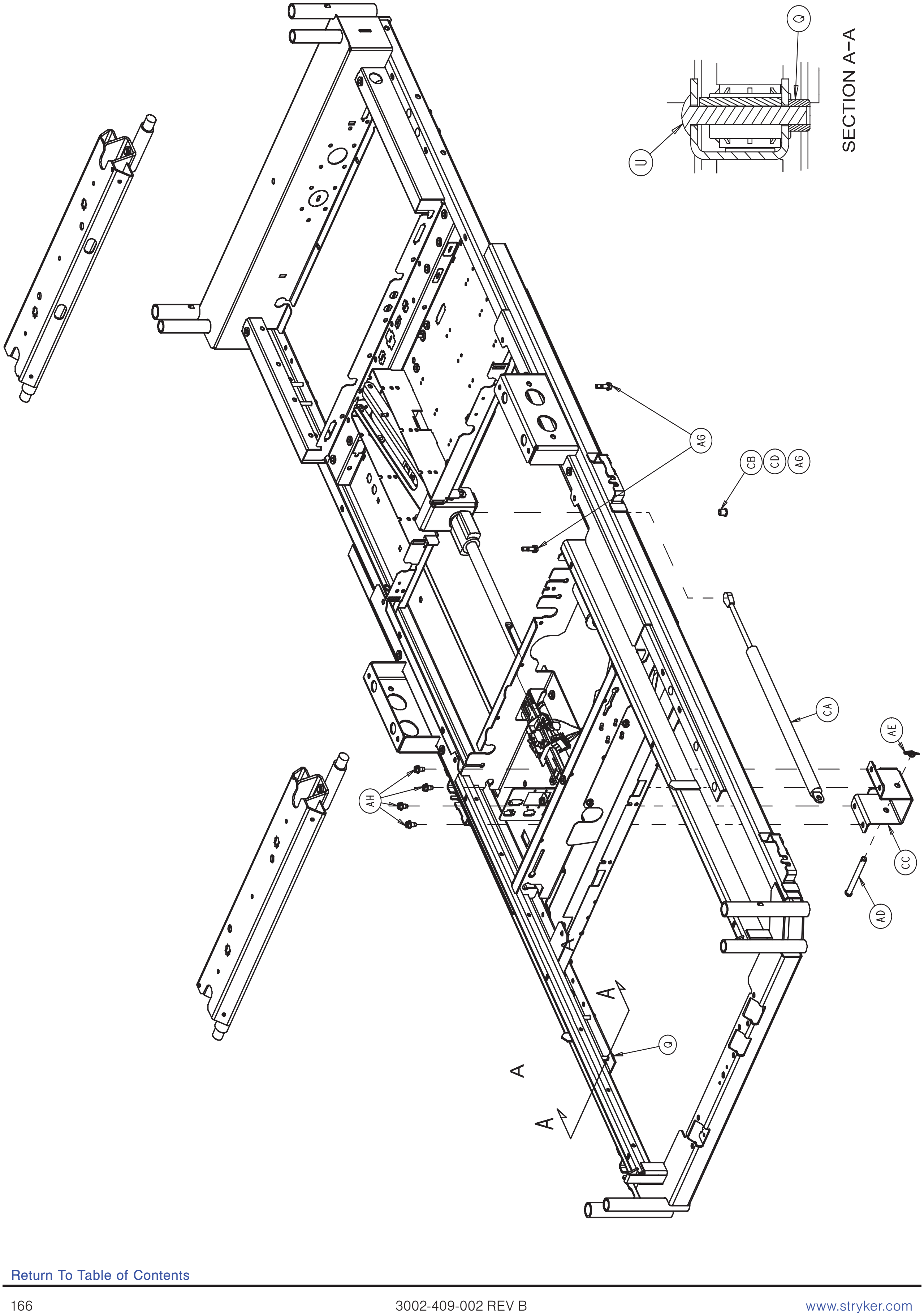
Mechanicel Litter Assembly


Q
SECTION A–A
U
AG
CB
CD
AG
CA
AE
AH
CC
AD
A
A
Q
A

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Mechanical Litter Assembly

Mechanical Litter Assembly Common Components - 3002–300–197 (Reference only)

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	3002-300-303	Stationary Frame Ass'y	1	U	0005-046-000	Carriage Bolt	8
B	0004-211-000	Soc. Hd. Cap Screw	6	V	3001-300-269	Mounting Bracket	1
C	3000-300-353	Roller	6	W	0003-221-000	Truss Hd. Screw	2
D	3000-300-352	Roller Shaft	6	AA	3002-300-870	Litter Ground Jumper	2
E	0016-093-000	Flange Lock Nut	6	AB	3002-400-550	Fowler Drive Ass'y (pg.172)	1
F	3001-300-420	Gatch Motor Ass'y (pg.170)	1	AC	0013-010-000	Ext. Tooth Lock Washer	2
H	0038-151-000	11" Cable Tie	1	AG	3001-200-229	Mounting Standoff	2
J	0044-029-000	Double-Sided Tape	1	AH	0003-221-000	Hex Washer Hd. Screw	10
K	3001-300-417	Gatch Shield	1	AK	7900-001-291	Vibration Tape	1"
L	0013-018-000	Ext. Tooth Lock Washer	2	AL	0011-063-000	Washer	2
N	3002-300-491	Screw Support Bracket	1	AM	0003-121-000	Hex Washer Hd. Screw	1
P	0028-122-000	Retaining RIng	1	AN	0013-010-000	Int. Tooth Lock Washer	4
Q	0016-006-000	Kep Nut	10	AP	0005-024-000	Carriage Bolt	2
R	0052-800-000	Grommet	2	AQ	0026-279-000	Clevis Pin	1
S	0023-251-000	Hex Washer Hd. Screw	2	AR	0011-529-000	Adhesive Rubber Washer	1
T	3001-300-370	Cross Support Ass'y	1	AS	0027-022-000	3/8" Rue Ring Cotter	1

Standard Bed - 3002-343-197 (Reference Only)

Item	Part No.	Part Name	Qty.
AB	3002-400-550	Fowler Drive Ass'y (pg.172)	1
BA	3003-300-204	Moving Frame Assembly	1
BB	3002-343-035	Fowler Limit Ass'y (pg.174)	1
BD	3000-300-009	Screw Support Bushing	1

8" Shorter Bed - 3002-342-197 (Reference Only)

Item	Part No.	Part Name	Qty.
AB	3002-400-550	Fowler Drive Ass'y (pg.172)	1
AD	0026-279-000	Clevis Pin	1
AE	0027-022-000	Rue Cotter Pin	1
AG	3001-200-228	Mounting StandOff	1
AH	0003-221-000	Hex Washer Hd. Screw	4
BA	3002-342-204	Moving Frame Assembly	1
BB	3002-342-025	Fowler Limit Ass'y (pg.175)	1
BD	3001-342-009	Screw Support Bushing	1
CA	0052-819-000	Dampener Cylinder	1
CB	0052-818-000	Flange Bearing	1
CC	3001-345-489	Cylinder Mtg. Bracket	1
CD	0011-002-000	Flat Washer	1

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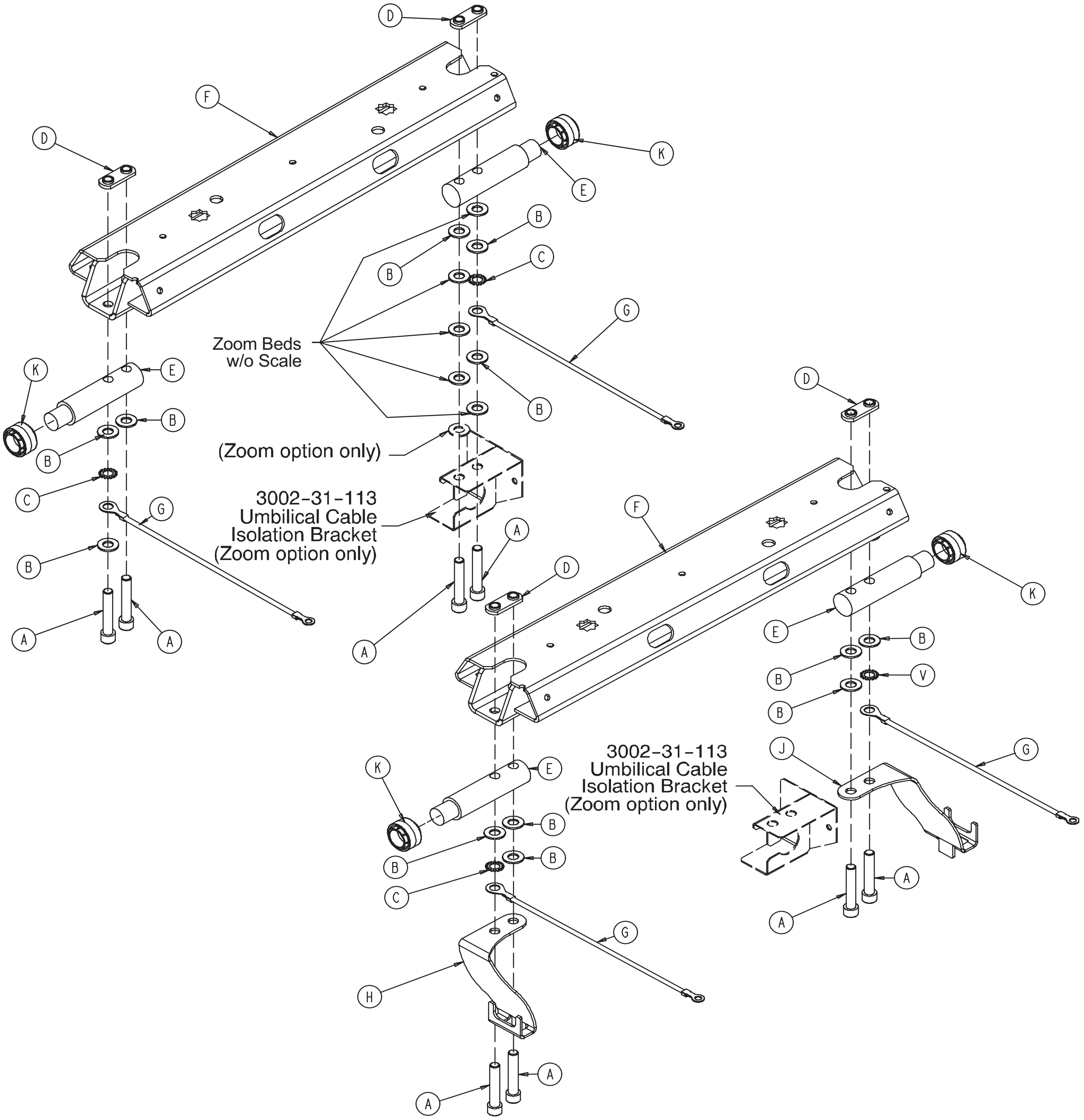
Lift Header Assembly - No Load Cells


D
F
D
K
E
B
B
C
G
Zoom Beds
w/o Scale
B
K
E
B
B
(Zoom option only)
C
G
3002-31-113
Umbilical Cable
Isolation Bracket
(Zoom option only)
B
A
A
A
A
D
F
D
K
E
B
B
V
B
J
G
3002-31-113
Umbilical Cable
Isolation Bracket
(Zoom option only)
K
E
B
B
B
C
A
A
G
H
A
A

Lift Header - Standard Bed - 3002-300-500

Item	Part No.	Part Name	Qty.
A	0004-288-000	Hex Soc. Hd. Cap Screw	4
B	0011-004-000	Flat Washer	6
C	0013-032-000	Ext. Tooth Lock Washer	2
D	3002-300-509	Weldnut	2
E	3001-300-511	"Imitation" Load Cell	2
F	3001-300-530	Lift Header	1
G	3002-300-871	Ground Jumper	2
H	3000-300-353	Roller Cap	2

Lift Header - Std. Bed/Iso. Foley Bags - 3002-326-550

Item	Part No.	Part Name	Qty.
A	0004-288-000	Hex Soc. Hd. Cap Screw	4
B	0011-004-000	Flat Washer	2
C	0013-032-000	Ext. Tooth Lock Washer	2
D	3002-300-509	Weldnut	2
E	3002-300-511	"Imitation" Load Cell	2
F	3001-300-530	Lift Header	1
G	3002-300-871	Ground Jumper	2
H	3002-326-010	Iso. Foley Bag Ass'y, Lt.	1
J	3002-326-020	Iso. Foley Bag Ass'y, Rt.	1
H	3000-300-353	Roller Cap	2

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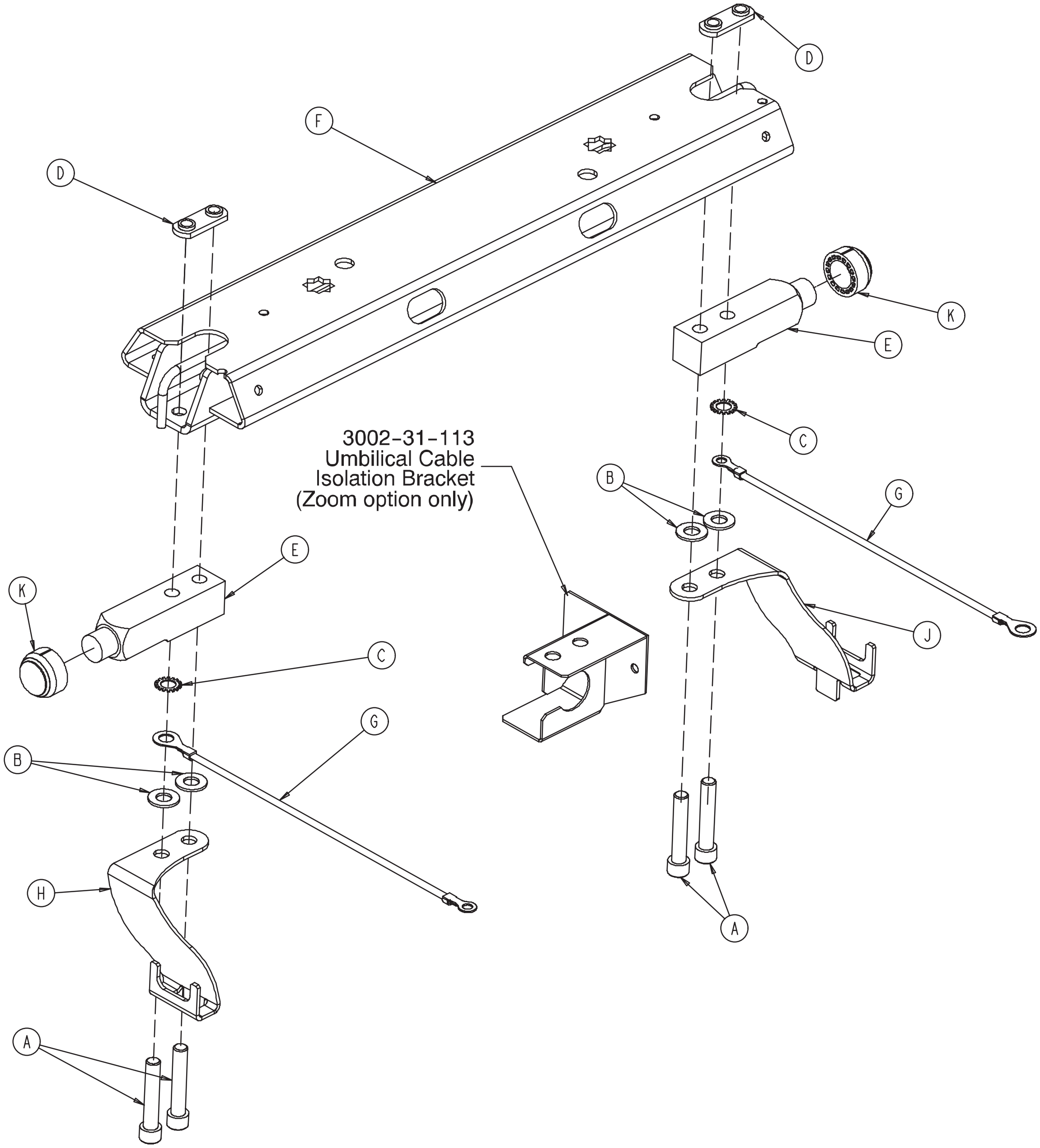
Lift Header Assembly with Load Cells


D
F
D
K
E
3002-31-113
Umbilical Cable
Isolation Bracket
(Zoom option only)
C
B
G
J
E
K
C
G
B
H
A
A

Lift Header - Load Cells - 3002-307-501

Item	Part No.	Part Name	Qty.
A	0004-288-000	Hex Soc. Hd. Cap Screw	4
B	0011-004-000	Flat Washer	4
C	0013-032-000	Ext. Tooth Lock Washer	2
D	3001-300-509	Weldnut	2
E	3002-307-057	Load Cell	2
F	3001-300-530	Lift Header	1
G	3002-300-871	Ground Jumper	2
K	3000-300-353	Roller Cap	2

Lift Hdr - Load Cells/Iso. Foley Hooks - 3002-326-501

Item	Part No.	Part Name	Qty.
A	0004-288-000	Hex. Soc. Hd. Cap Screw	4
B	0011-004-000	Flat Washer	4
C	0013-032-000	Ext. Tooth Lock Washer	2
D	3002-300-509	Weldnut	2
E	3002-307-057	Load Cell	2
F	3001-300-530	Lift Header	1
G	3002-300-871	Ground Jumper	2
J	3002-326-010	Iso. Foley Bag Ass'y, Lt	1
K	3002-326-020	Iso. Foley Bag Ass'y, Rt.	1
H	3000-300-353	Roller Cap	2

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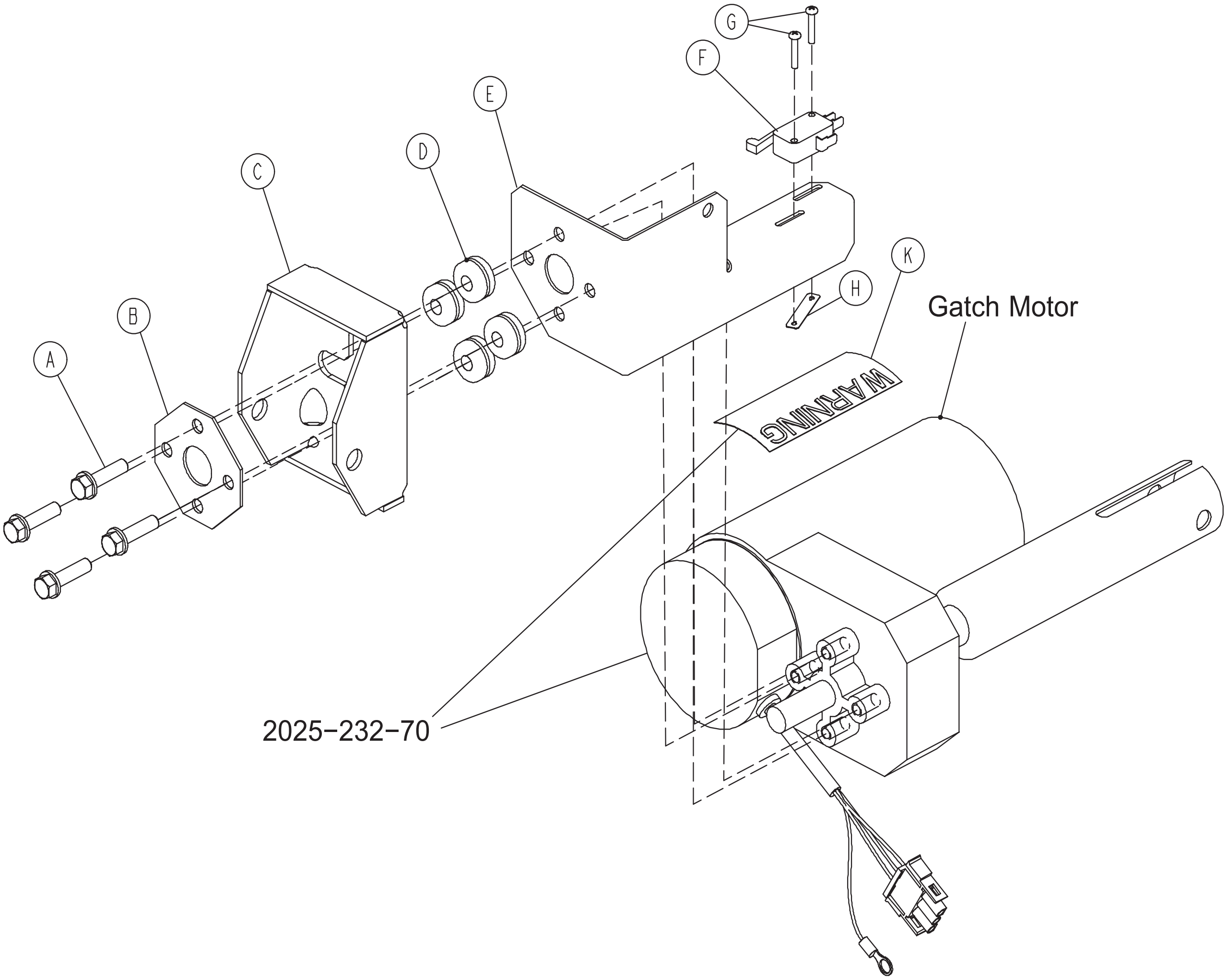
Gatch Motor Assembly - 3001-300-420



Item	Part No.	Part Name	Qty.
A	3001-200-228	Mounting Standoff	4
B	3001-300-499	Gatch Motor Mounting Plate	1
C	3001-300-225	Motor Mount Bracket	1
D	0052-817-000	Grommet	4
E	3001-300-421	Gatch Limit Bracket	1
F	3000-300-041	Micro Switch	1
G	0002-107-000	Phillips Round Hd. Screw	2
H	0016-069-000	Twin-Type Fastener	1
K	3000-300-604	Warning Label	1
L	3000-300-114	Wire Tie (not shown)	1

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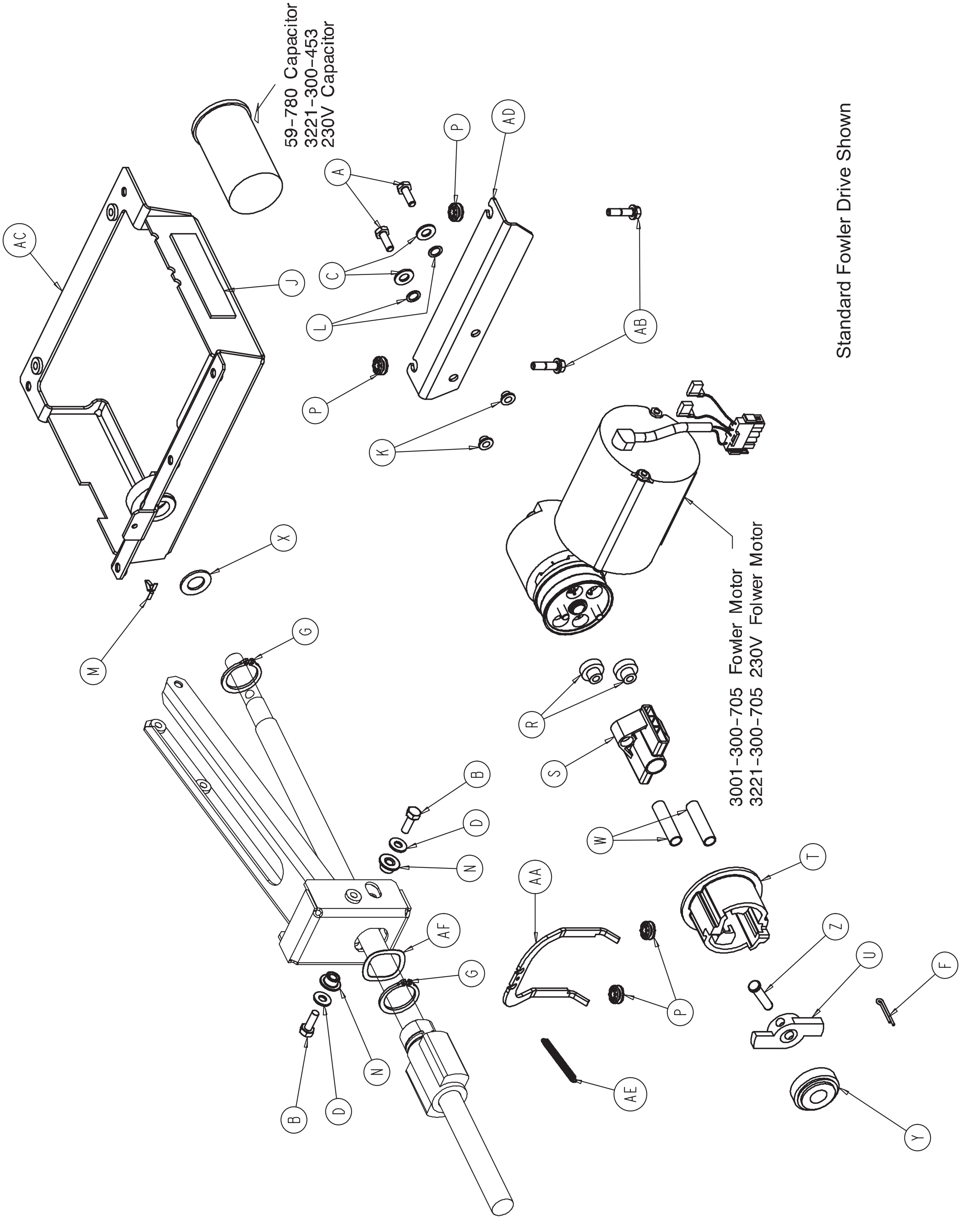
Fowler Driver Assembly - 3002-400-550


59-780 Capacitor
3221-300-453
230V Capacitor
Standard Fowler Drive Shown
3001-300-705 Fowler Motor
3221-300-705 230V Folwer Motor
AC
A
P
AD
J
C
L
AB
P
K
X
M
G
R
S
B
D
W
N
AA
T
AF
G
Z
U
F
P
N
AE
B
D
Y

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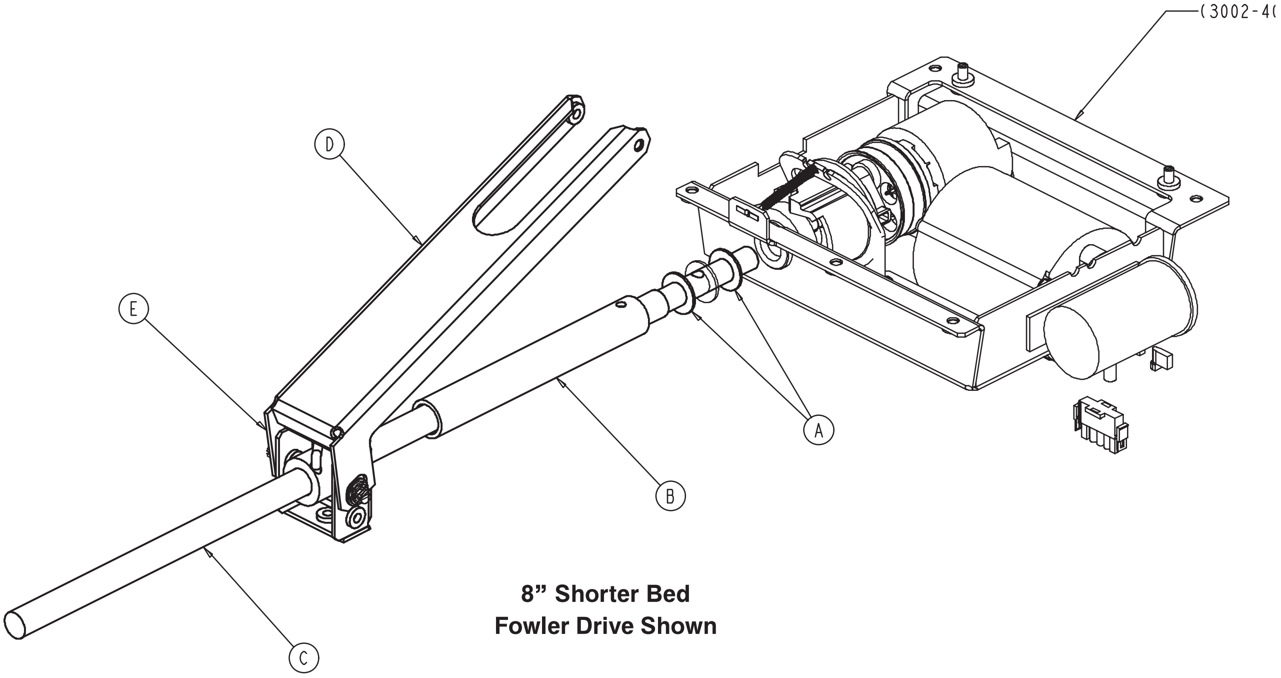
Fowler Drive Assembly - 3002-400-550



8” Shorter Bed
Fowler Drive Shown

Fowler Actuator Common Components - 3002-400-550

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0003-214-000	Hex Hd. Cap Screw	2	S	3000-300-456	CPR Isolator	1
B	0003-050-000	Hex Washer Hd. Screw	2	T	3000-300-461	CPR Decoupler	1
C	0011-003-000	Flat Washer	2	U	3000-300-462	CPR Wing	1
D	0011-002-000	Flat Washer	2	W	3000-300-464	CPR Engagement Spring	2
F	0027-017-000	Cotter Pin	1	X	3000-300-466	Thrust Bearing	1
G	0028-120-000	External Retaining Ring	2	Z	3000-300-473	Clevis Pin	1
H	0038-151-000	Cable Tie	2	AA	3000-300-658	CPR Release Arm	1
J	0044-029-000	Double–Stick Tape	1	AB	3001-200-228	Mounting Standoff	2
K	0052-718-000	Nylon Insulator	2	AC	3001-300-485	Fowler Actuator Wldmt.	1
L	0052-719-000	Nylon Flat Washer	2	AD	3001-300-487	Actuator Mounting Brkt.	1
M	0029-021-000	Dart Clip	1	AE	3001-300-664	CPR Spring	1
N	3000-300-099	Litter Pivot Bushing	2	AF	0038-478-000	Wave Spring	1
P	3000-300-442	Fowler Drive Grommet	4				

Fowler Actuator - Standard Bed - 3002-443-550

Item	Part No.	Part Name	Qty.
BA	0014-083-000	Thrust Washer	1
BC	3000-300-457	CPR Ball Screw	1
BD	3001-300-496	Fowler Link	1
BE	3002-300-493	Fowler Link Bracket	1

Fowler Actuator - 8” Shorter Bed - 3002-442-550

Item	Part No.	Part Name	Qty.
BA	0014-083-000	Thrust Washer	2
BB	3001-342-457	Fowler Nut Stop Tube	1
BC	3001-342-467	CPR Ball Screw	1
BD	3001-342-496	Fowler Link	1
BE	3001-342-499	Fowler Link Bracket	1

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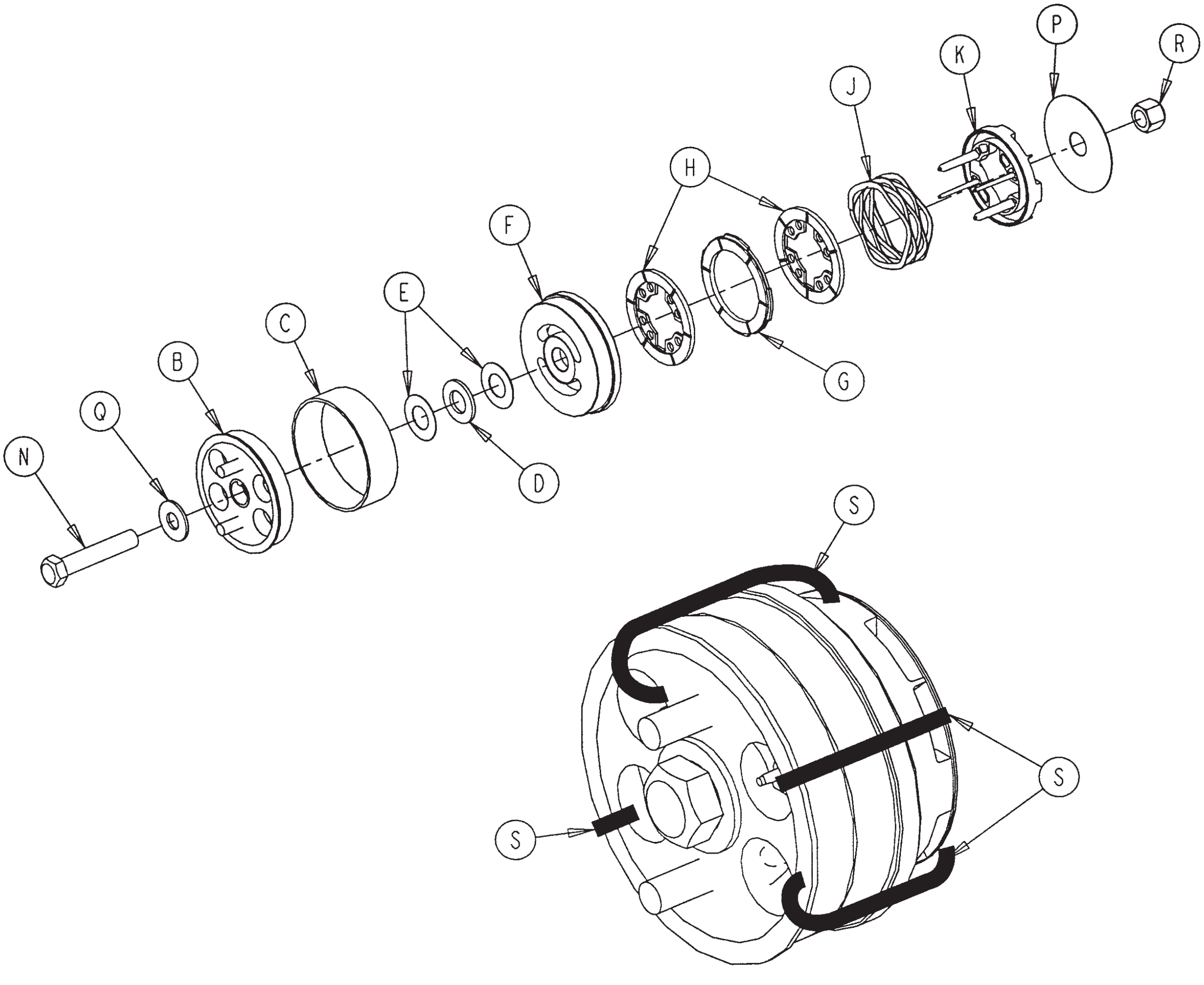
Fowler Brake Kit Assembly - 3001-300-775



Item	Part No.	Part Name	Qty.
B	3001-300-455	CPR Coupler Assembly	1
C	3000-300-465	CPR Clutch Spring	1
D	0081-212-000	Thrust Needle Roller Brg.	1
E	3000-200-224	Idler Gear Thrust Washer	2
F	3001-300-569	Brake Cup	1
G	3001-300-552	CPR Brake Disc	1
H	3001-300-551	CPR Spring Cup	2
J	3001-300-563	CPR Brake Spring	1
K	3001-300-570	CPR Spring Cup	1
N	0003-064-000	Hex Hd. Cap Screw	1
P	3000-300-776	Flat Washer	1
Q	0011-193-000	Heavy Flat Washer	1
R	0016-035-000	Nylock Nut	1
S	3000-300-113	8” Wire Tie	4

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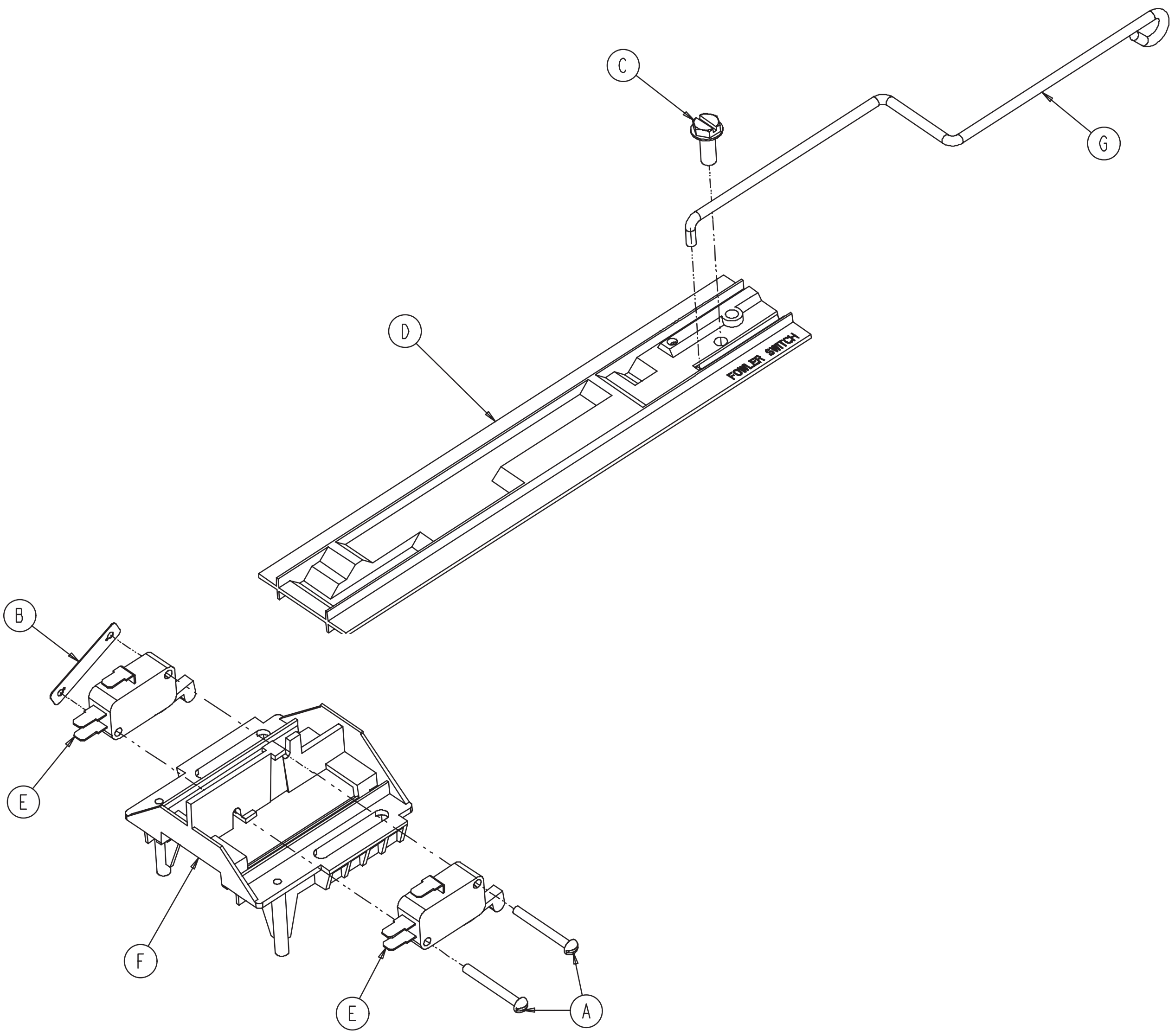
Standard Bed Fowler Limit Switch Assembly - 3002-343-035



Item	Part No.	Part Name	Qty.
A	0002-003-000	Round Hd. Screw	2
B	0016-069-000	Twin Type Fastener	1
C	0016-129-000	Hex Washer Hd. Screw	1
D	3000-300-036	Fowler Cam Card	1
E	3000-300-041	Micro Switch	2
F	3000-300-044	Cam Guide	1
G	3002-300-038	Link Wire	1

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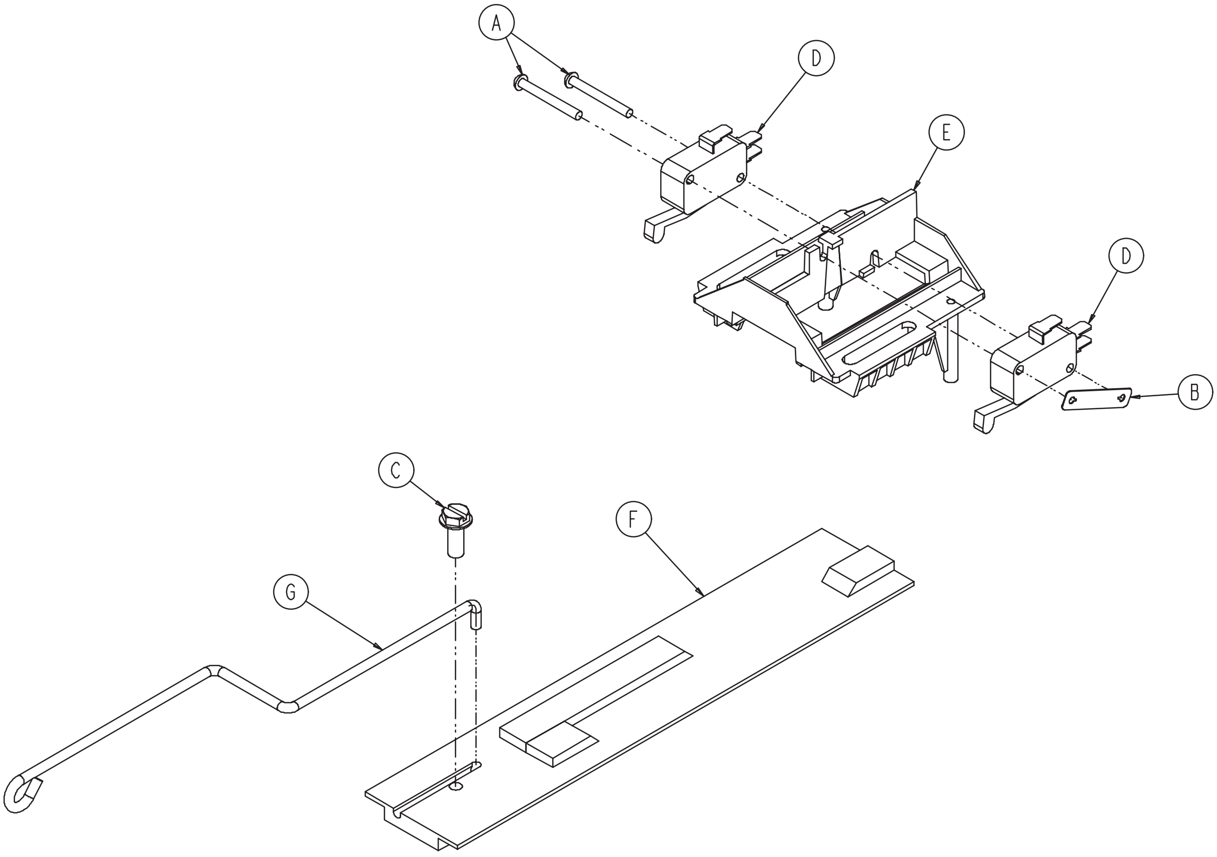
8” Shorter Bed Fowler Limit Switch Assembly - 3002-342-025



Item	Part No.	Part Name	Qty.
A	0002-003-000	Round Hd. Screw	2
B	0016-069-000	Twin Type Fastener	1
C	0023-082-000	Hex Washer Hd. Screw	1
D	3000-300-041	Micro Switch	2
E	3000-300-044	Cam Guide	1
F	3001-342-032	Fowler Cam Card	1
G	3002-300-038	Link Wire	1

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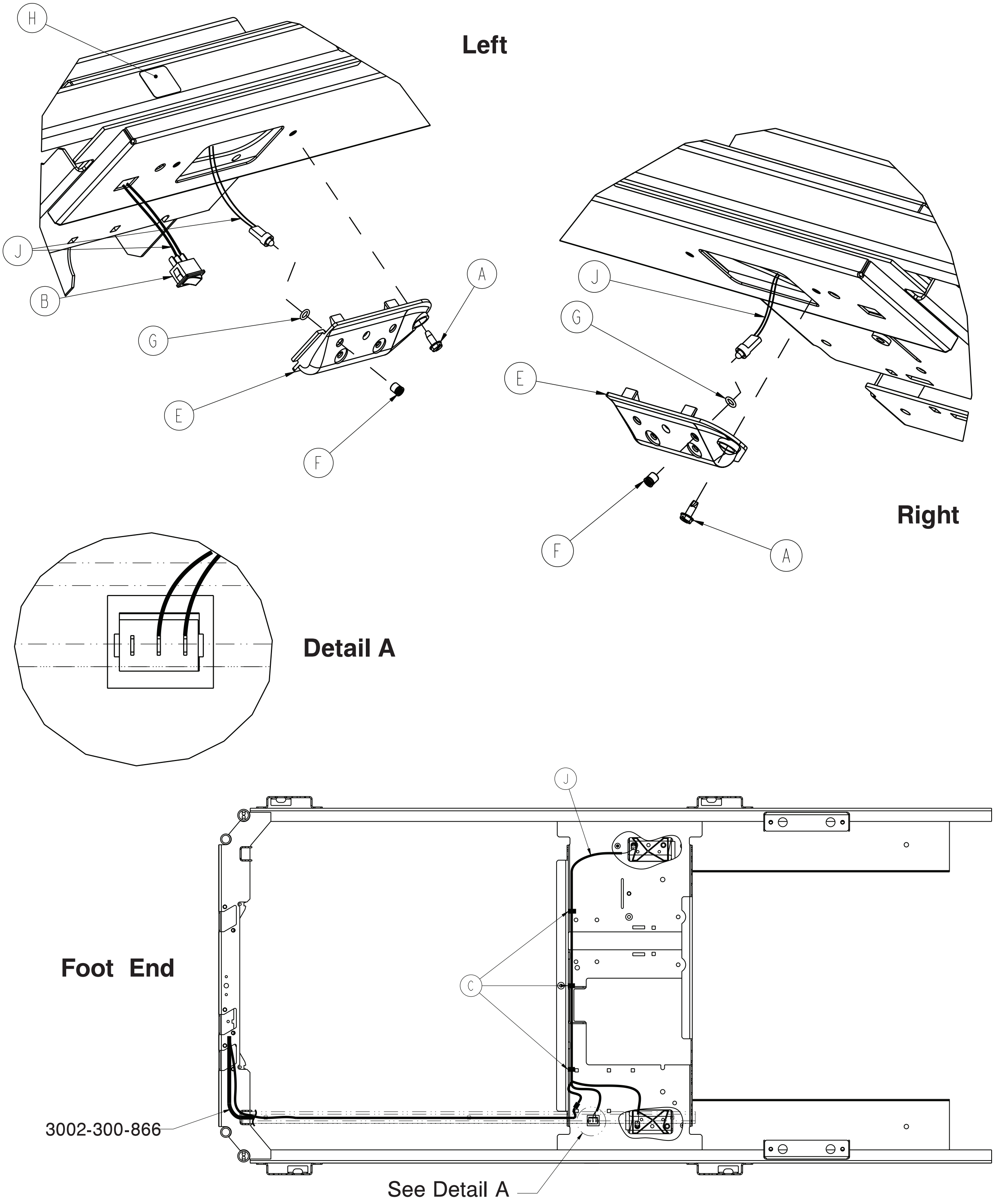
Night Light Assembly - 3002-410-020


H
Left
J
B
G
E
A
F
J
G
E
F
A
Right
Detail A
J
Foot End
C
3002-300-866
See Detail A

Top View - Some components are removed or shown in phantom for clarity

Night Light Assembly - 3002-410-020

Item	Part No.	Part Name	Qty.
A	0003-224-000	Hex Washer Hd. Screw	2
B	0059-191-000	Toggle Switch	1
C	3000-300-113	8” Cable Tie	3
E	3002-310-018	Night Light Cover	2
F	3002-310-010	LED Lens	4
G	3002-310-025	Retaining Spacer	2
H	3002-310-601	Night Light Label	1
J	3002-036-801	Night Light Wiring Harness	1

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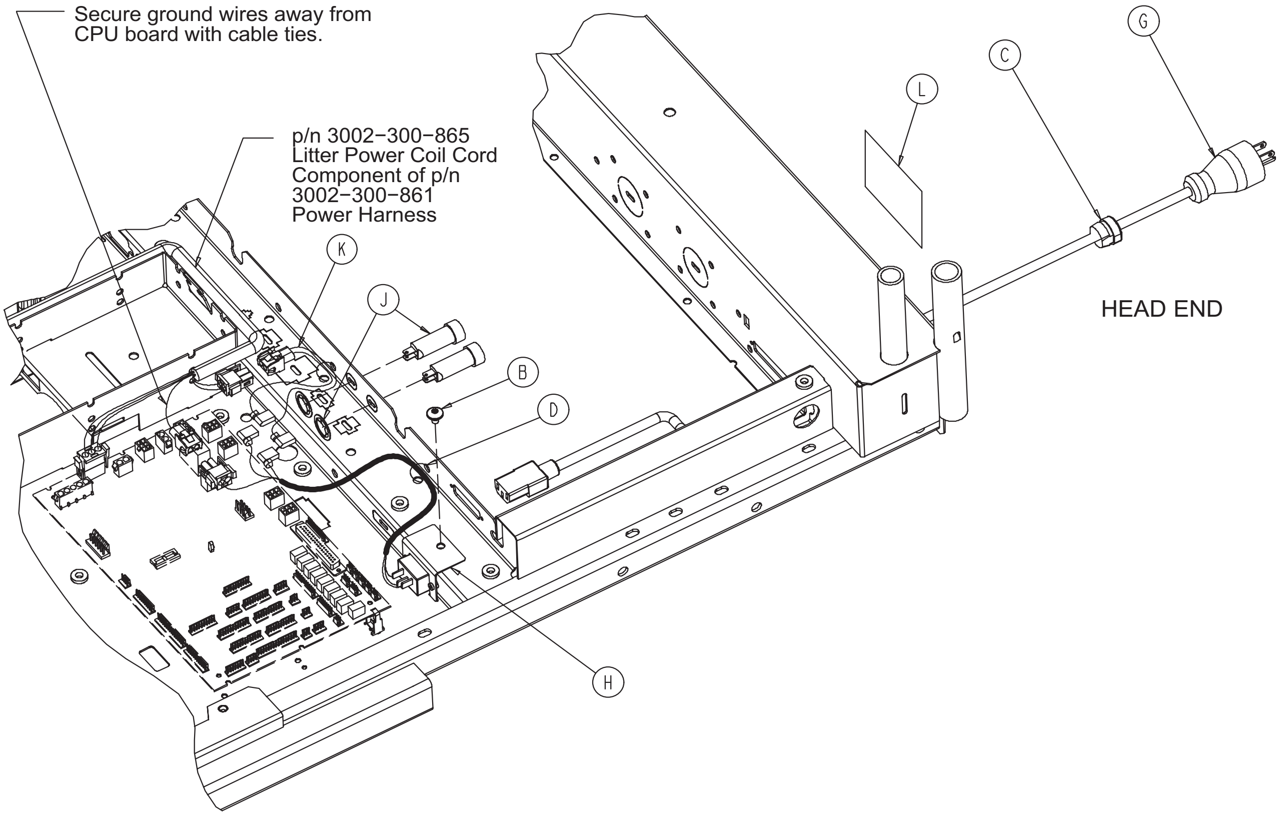
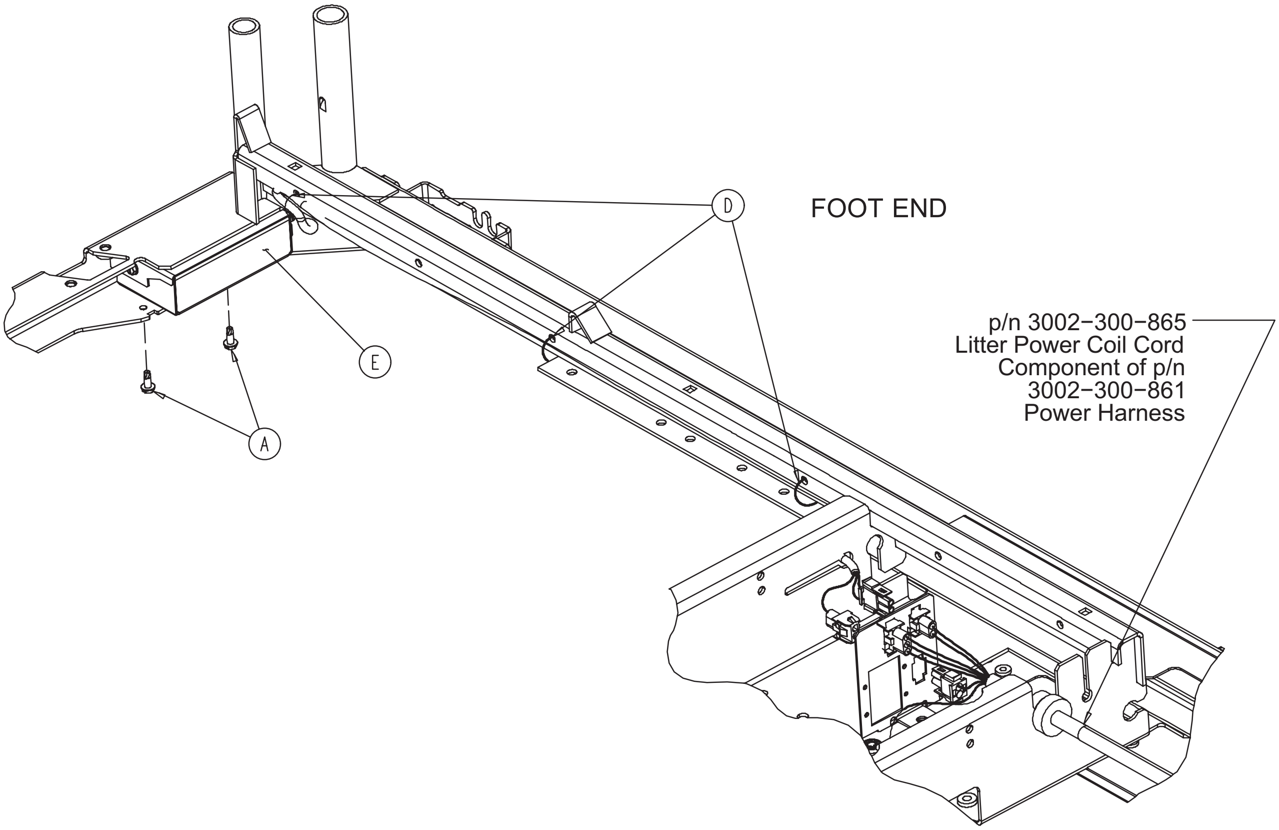
Optional 110V Outlet Assembly - 3002-320-050


Secure ground wires away from
CPU board with cable ties.
p/n 3002−300−865
Litter Power Coil Cord
Component of p/n
3002−300−861
Power Harness
G
C
L
K
J
B
D
H
HEAD END


D
FOOT END
E
A
p/n 3002−300−865
Litter Power Coil Cord
Component of p/n
3002−300−861
Power Harness

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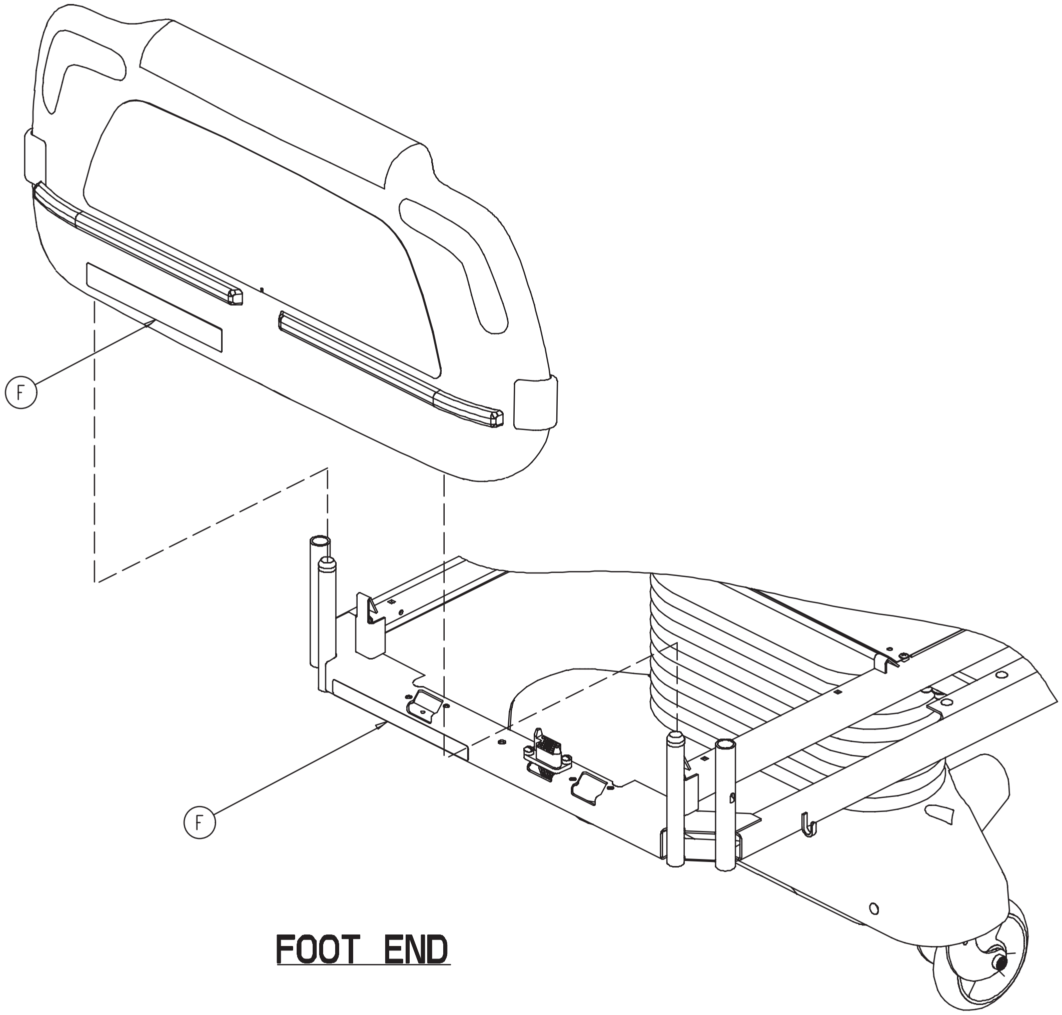
Optional 110V Outlet Assembly - 3002-320-050



Item	Part No.	Part Name	Qty.
A	0003-224-000	Hex Washer Hd. Screw	2
B	0007-053-000	Truss Hd. Torx	1
C	0030-027-000	Strain Relief	1
D	3000-300-113	Cable Tie	5
E	3002-320-060	Outlet Box Assembly (pg.180)	1
F	3002-320-626	110V Outlet Label	1
G	3002-320-801	Power Cord	1
H	3002-320-878	110V Power Inlet Cable	1
J	0059-196-000	10A Circuit Breaker	2
K	3002-320-803	110V Power Jumper	1
L	3002-320-625	Shock Hazard Caution Label	1
M	3002-320-624	110V Outlet Label	1

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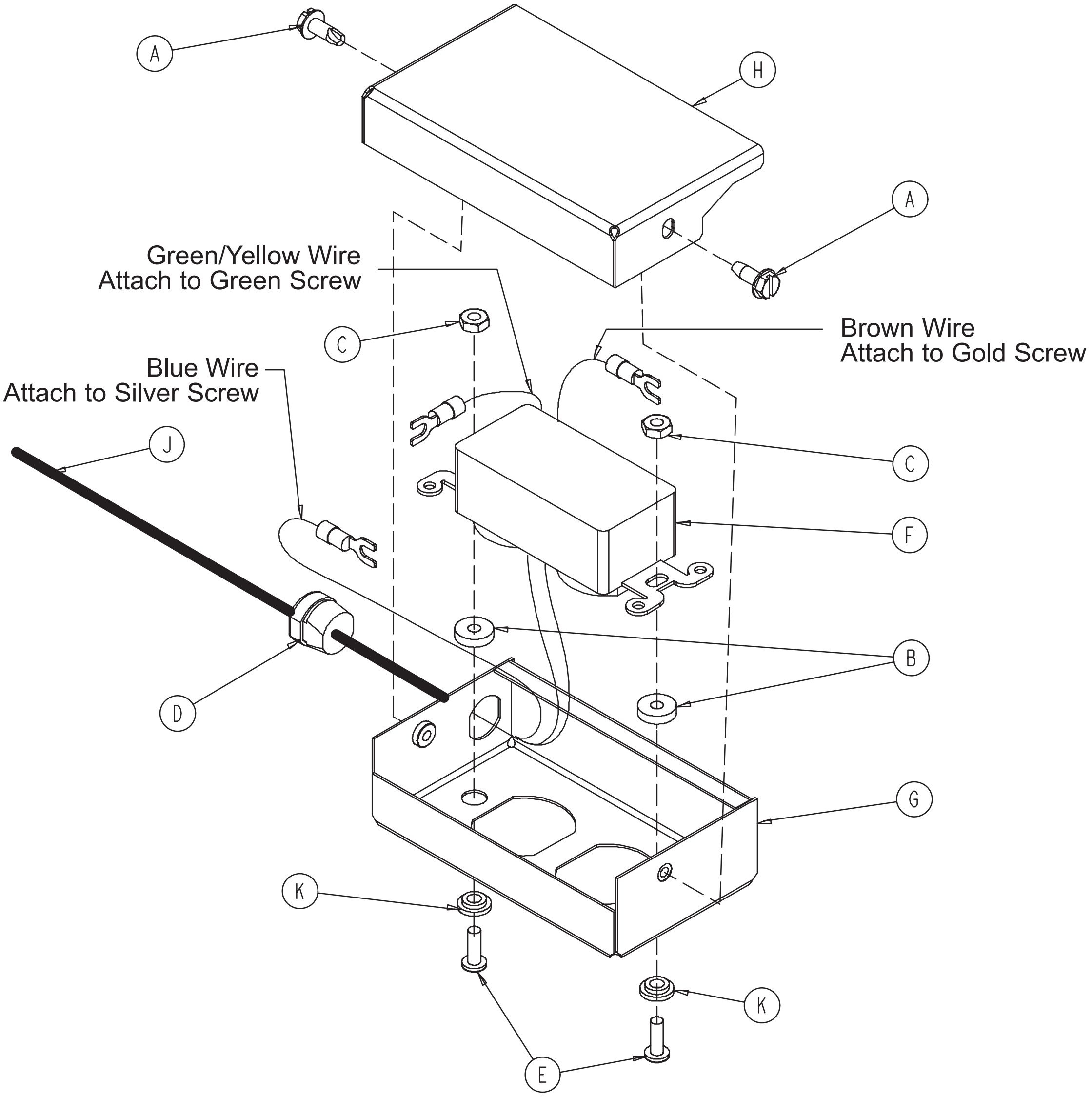
110V Outlet Box Assembly - 3002-320-060


A
H
A
Green/Yellow Wire
Attach to Green Screw
C
Brown Wire
Attach to Gold Screw
Blue Wire
Attach to Silver Screw
J
C
F
B
D
G
K
K
E

Item	Part No.	Part Name	Qty.
A	0003-224-000	Hex Washer Hd. Screw	2
B	0052-318-000	Round Spacer	2
C	0016-014-000	Hex Nut	2
D	0034-133-000	Strain Relief	1
E	0004-265-000	But. Hd. Machine Screw	2
F	0059-733-000	Hospital Grade Receptacle	1
G	3002-320-020	110V Outlet Box	1
H	3002-320-021	110V Outlet Box Cover	1
J	3002-320-802	110V Outlet Cable	1
K	0052-317-000	Shoulder Washer	2

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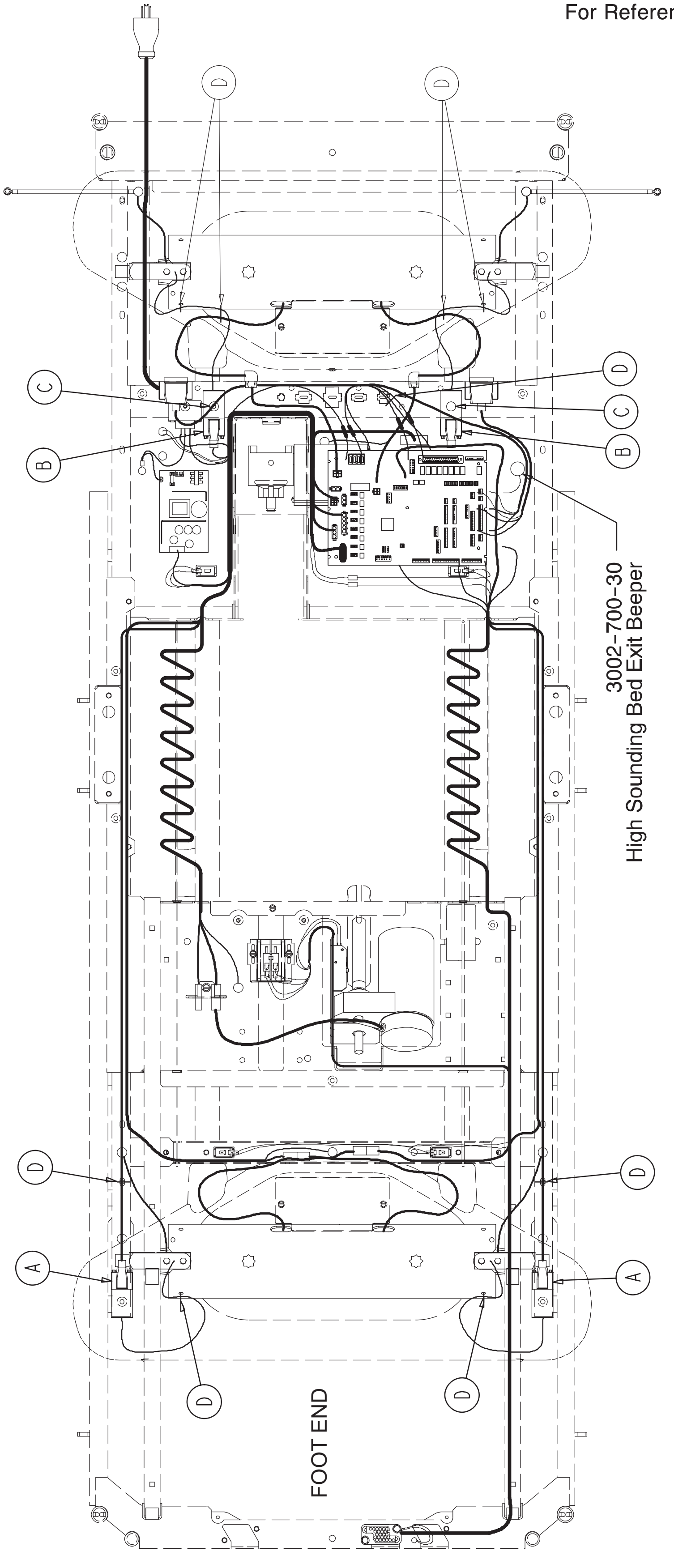
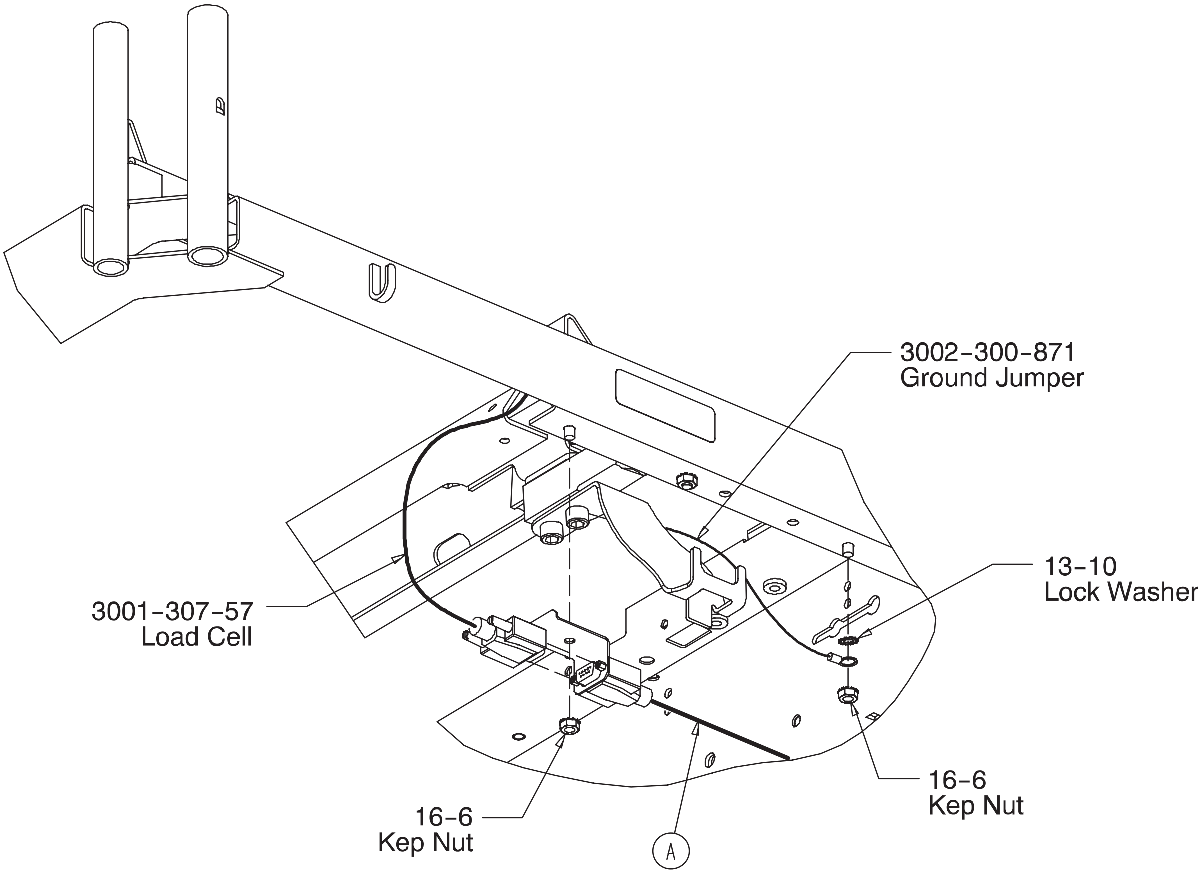
Optional Scale/Bed Exit Assembly

For Reference Only: 3002-317-003


D
D
C
D
C
B
B
3002-700-30
High Sounding Bed Exit Beeper
D
D
A
A
D
D
FOOT END

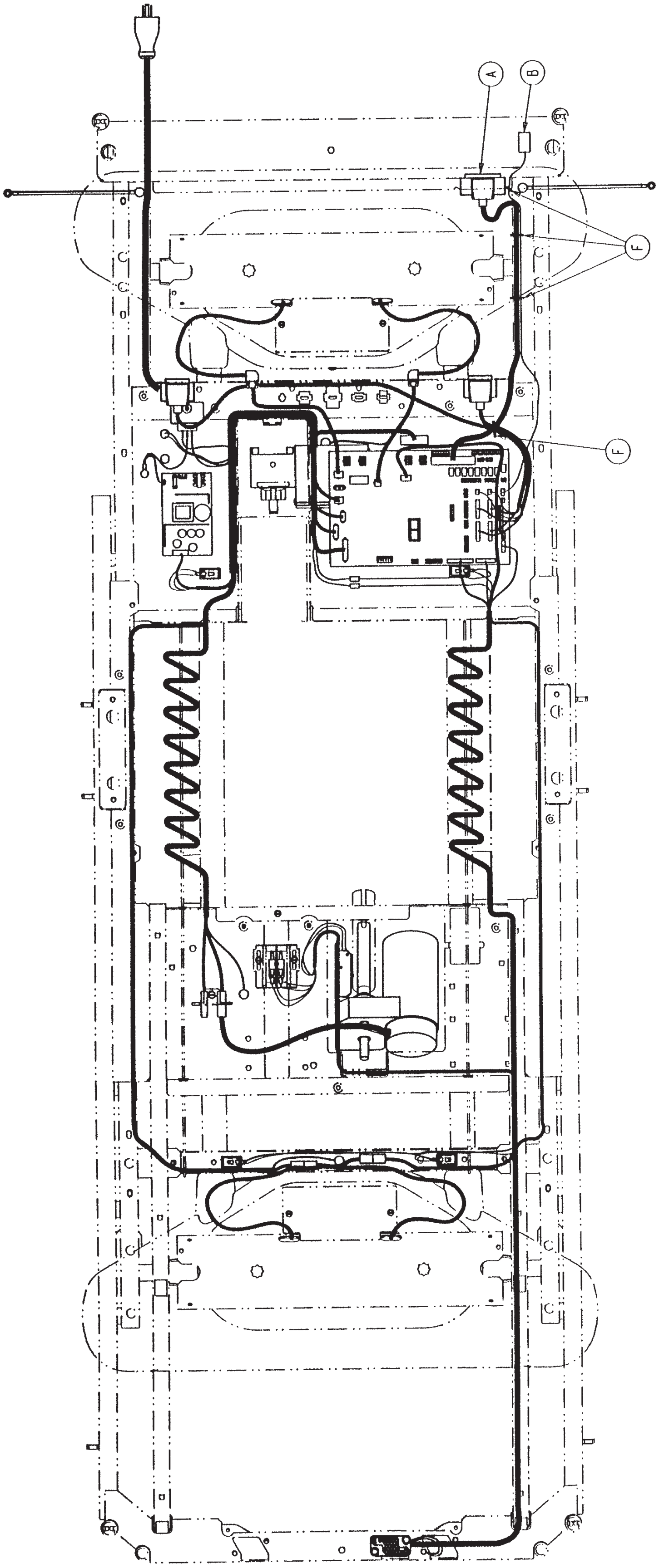
Optional Scale/Bed Exit Assembly


3002–300–871
Ground Jumper
13–10
Lock Washer
3001–307–57
Load Cell
16–6
Kep Nut
16–6
Kep Nut
A

Foot End Load Cell Cable Installation
(Typical Both Sides of the Bed)

Item	Part No.	Part Name	Qty.
A	3002-317-835	Foot End Load Cell Cable	2
B	3002-317-834	Head End Load Cell Cable	2
C	0007-053-000	Truss Hd. Torx	2
D	3000-300-113	Cable Tie	9

Optional HWI Assembly with Communication



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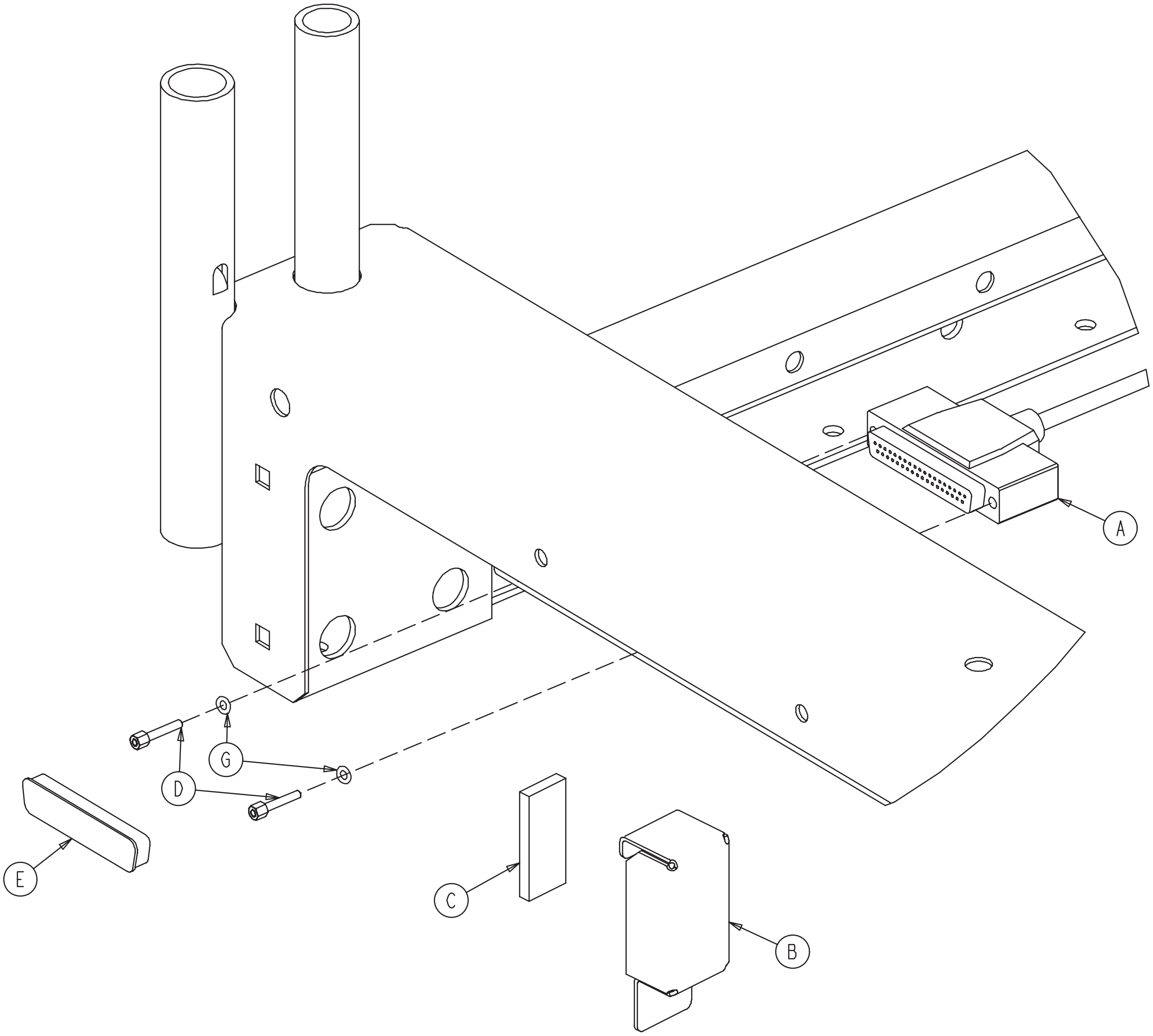
Optional HWI Assembly with Communication



Nurse Call & Communication - 3001-303-52

Item	Part No.	Part Name	Qty.
A	3001-303-821	Headwall Interface Cable	1
B	3001-303-045	Battery Enclosure Ass'y	1
C	7900-001-291	Foam Tape	1
D	3001-300-007	Female Screwjack	2
E	0059-710-000	Static Plug	1
F	3000-300-113	Cable Tie	4
G	0012-046-000	Split Lock Washer	2

Communication - 001-303-122

Item	Part No.	Part Name	Qty.
A	3001-303-821	Headwall Interface Cable	1
D	3001-300-007	Female Screwjack	2
E	0059-710-000	Static Plug	1
F	3000-300-113	Cable Tie	3
G	0012-046-000	Split Lock Washer	2

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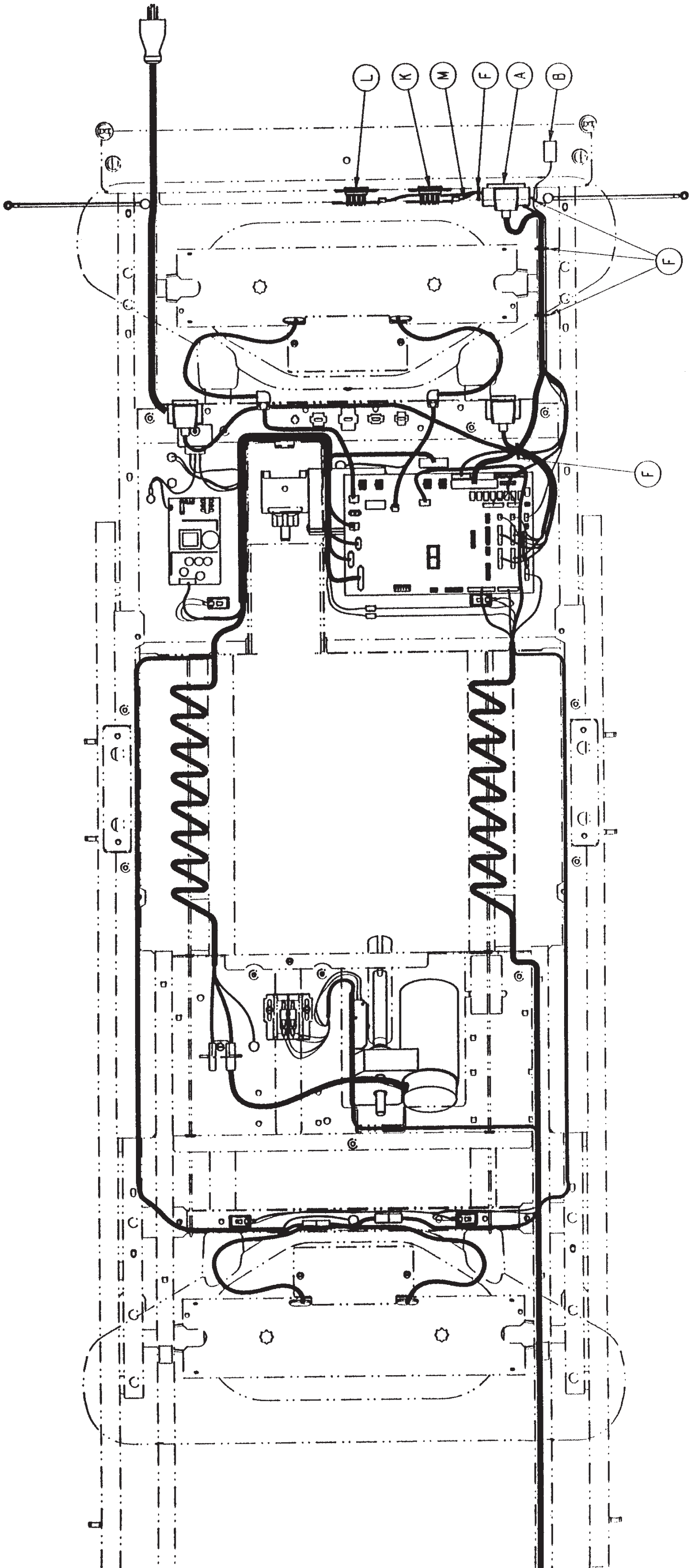
Optional HWI Assembly with Communication and Ports



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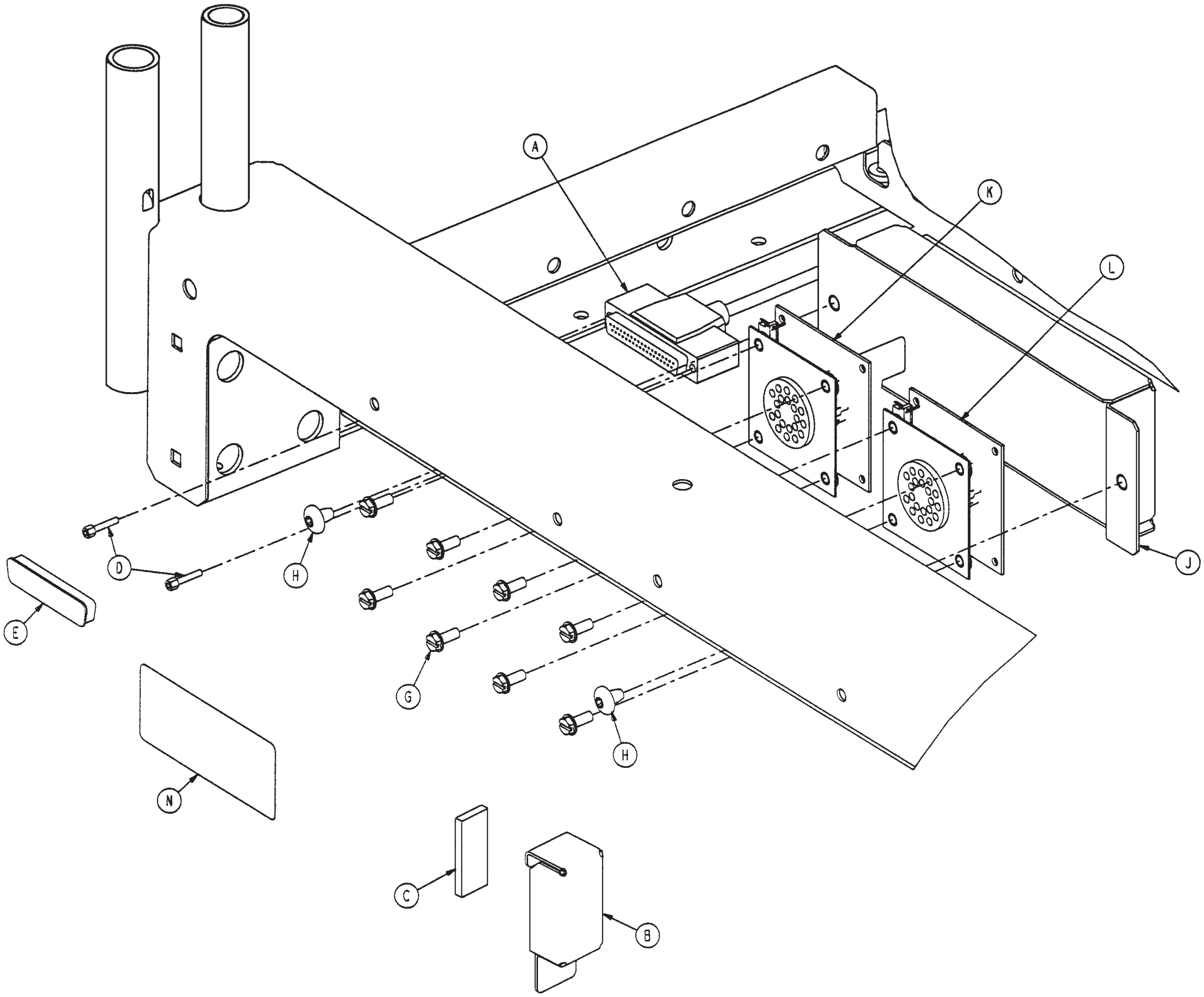
Optional HWI Assembly with Communication and Ports


A
K
L
J
D
H
G
H
E
N
C
B

Optional HWI Assembly with Communication and Ports

HWI with 1 Stryker Port - 3001-314-012

Item	Part No.	Part Name	Qty.
A	3001-303-821	Headwall Interface Cable	1
B	3001-303-045	Battery Enclosure Ass’y (pg.188)	1
C	7900-001-291	Foam Tape	1
D	3001-300-007	Female Screwjack	2
E	0059-710-000	Static Plug	1
F	3000-300-113	Cable Tie	5
G	0003-224-000	Hex Washer Hd. Screw	4
H	0007-053-000	Truss Hd. Screw	2
J	3001-314-006	Pendant Port Cover	1
K	3001-314-920	HWI Pendant Port PCB	1
M	3001-314-821	Pendant Port Cable	1
N	5000-090-028	Cord Out Label	1

HWI with 1 Custom Port - 3001-314-112

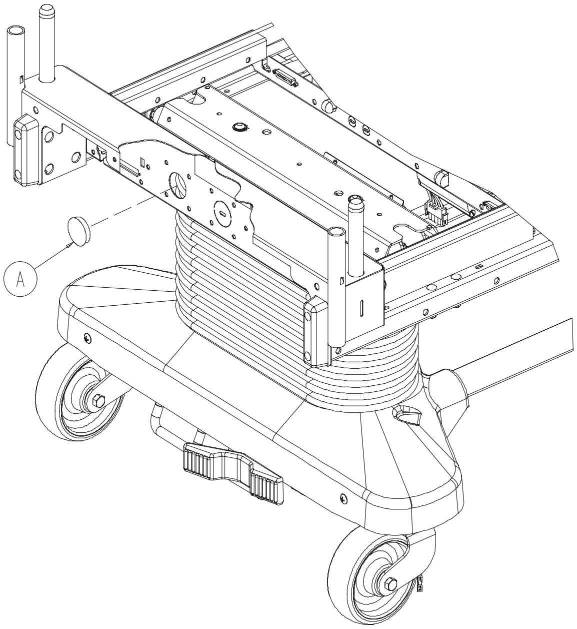
Item	Part No.	Part Name	Qty.
A	3001-303-821	Headwall Interface Cable	1
B	3001-303-045	Battery Enclosure Ass’y (pg.188)	1
C	7900-001-291	Foam Tape	1
D	3001-300-007	Female Screwjack	2
E	0059-710-000	Static Plug	1
F	3000-300-113	Cable Tie	5
G	0003-224-000	Hex Washer Hd. Screw	4
H	0007-053-000	Truss Hd. Screw	2
J	3001-314-006	Pendant Port Cover	1
K	3001-0314-889	HWI Cust. Pend. Port PCB	1
M	3001-314-821	Pendant Port Cable	1
N	5000-090-028	Cord Out Label	1

HWI with 1 Stryker & 1 Custom Port - 3001-314-122

Item	Part No.	Part Name	Qty.
A	3001-303-821	Headwall Interface Cable	1
B	3001-303-045	Battery Enclosure Ass’y (pg.188)	1
C	7900-001-291	Foam Tape	1
D	3001-300-007	Female Screwjack	2
E	0059-710-000	Static Plug	1
F	3000-300-113	Cable Tie	5
G	0003-224-000	Hex Washer Hd. Screw	8
H	0007-053-000	Truss Hd. Screw	2
J	3001-314-0006	Pendant Port Cover	1
K	3001-314-920	HWI Pendant Port PCB	1
L	3001-314-889	HWI Cust. Pend. Port PCB	1
M	3001-314-821	Pendant Port Cable	1
N	5000-090-028	Cord Out Label	1

No Pendant Port Option - 3002-999-066

Item	Part No.	Part Name	Qty.
A	0037-220-000	Hole Plug	1



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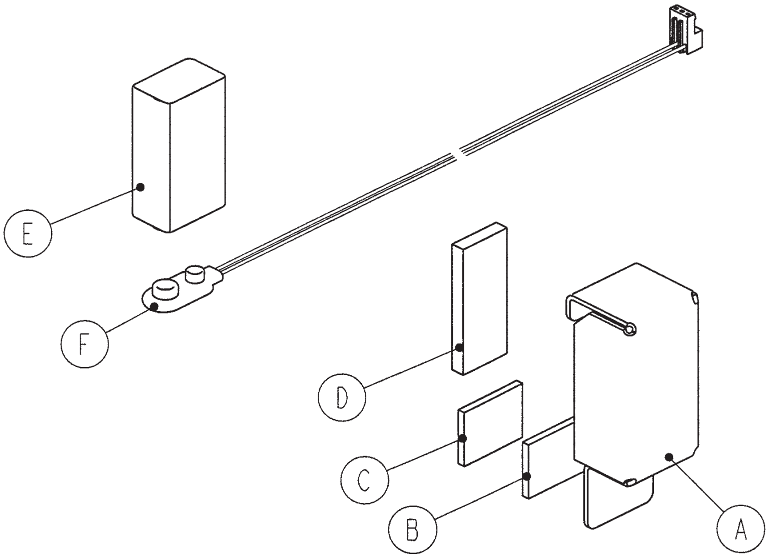
Battery Enclosure - 3001-303-045



Item	Part No.	Part Name	Qty.
A	3001-303-012	Battery Enclosure	1
B	0029-010-000	Fine Duo-Lock	1
C	0029-008-000	Coarse Duo-Lock	1
D	7900-001-291	Foam Tape	1
E	3000-303-871	Battery	1
F	3001-303-811	Battery Cable	1

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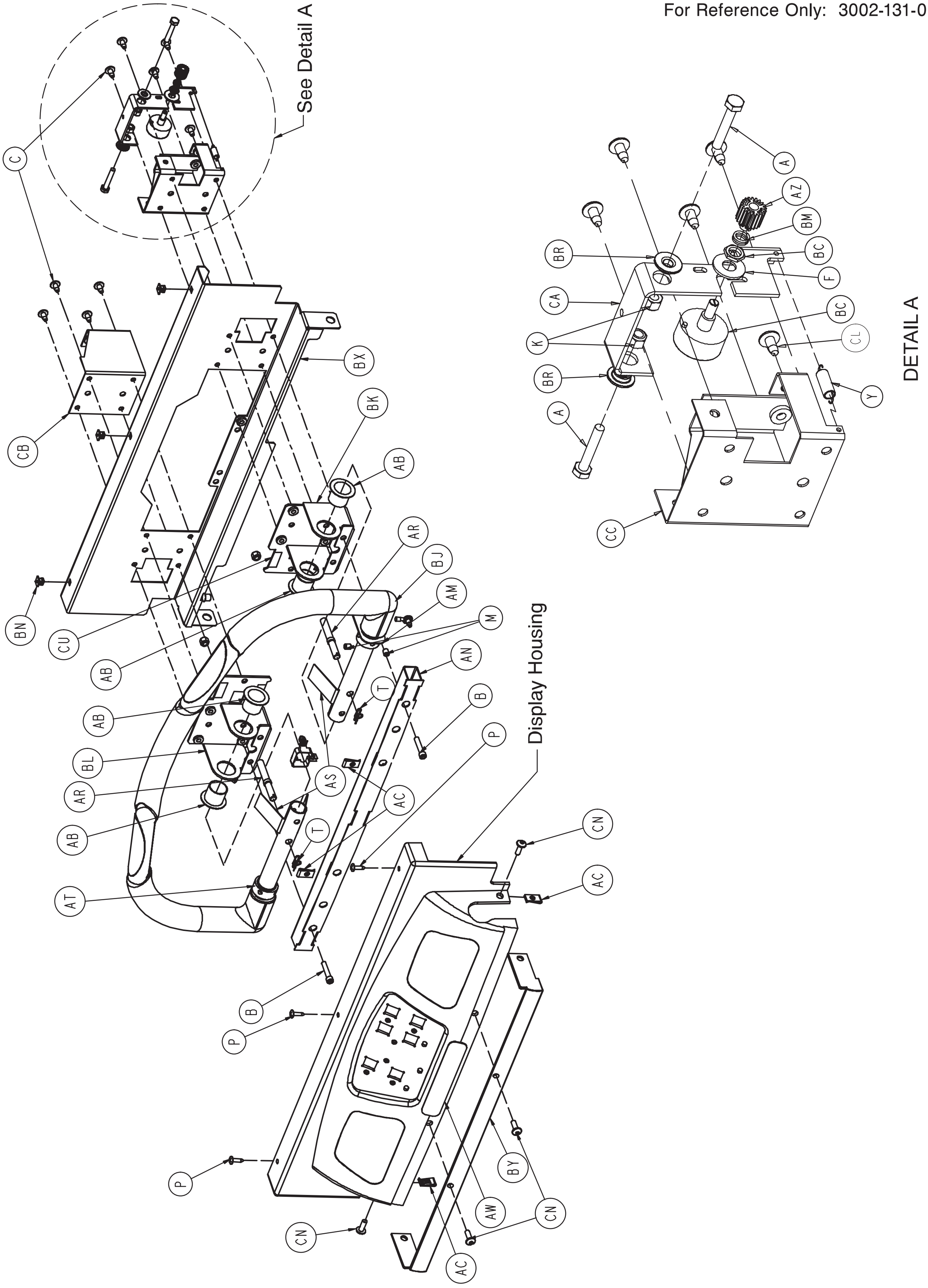
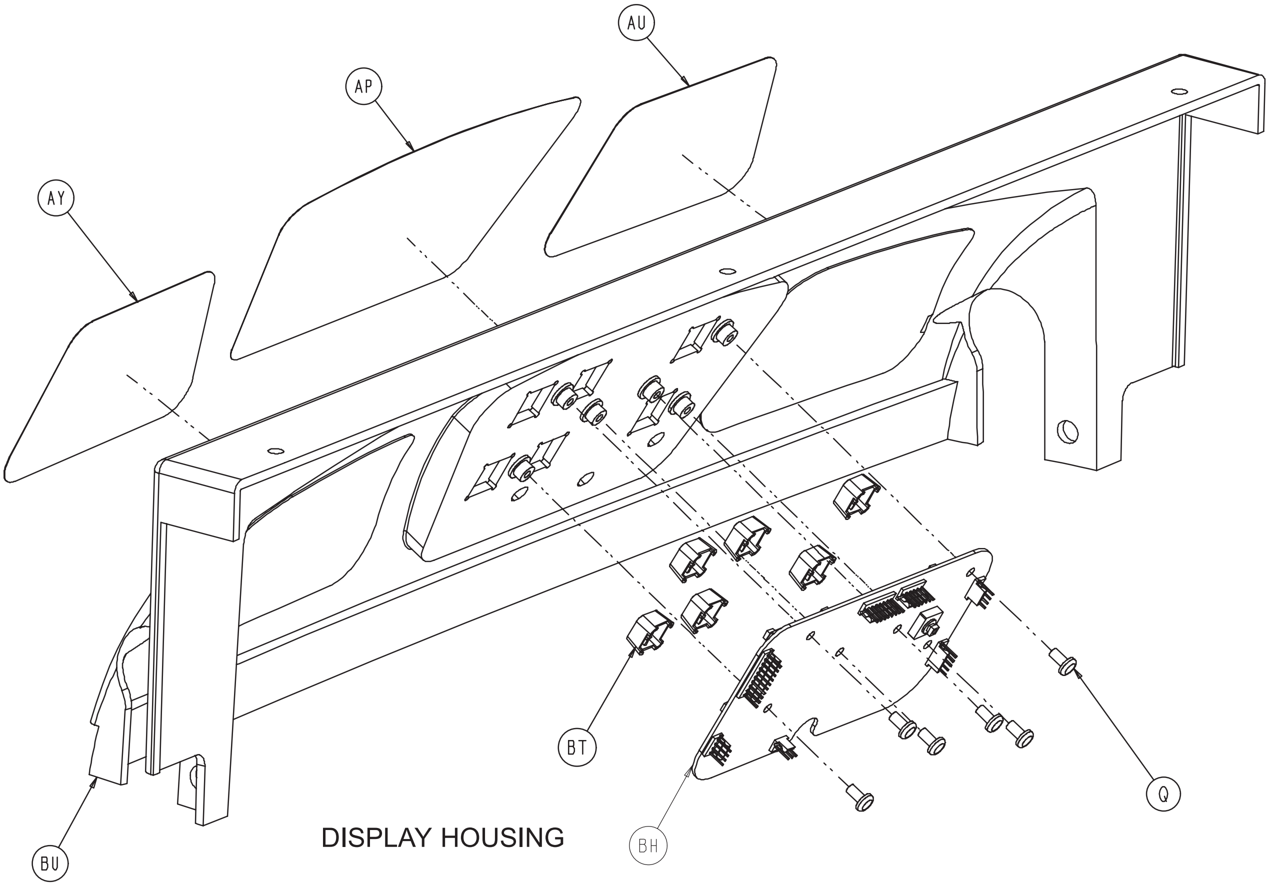
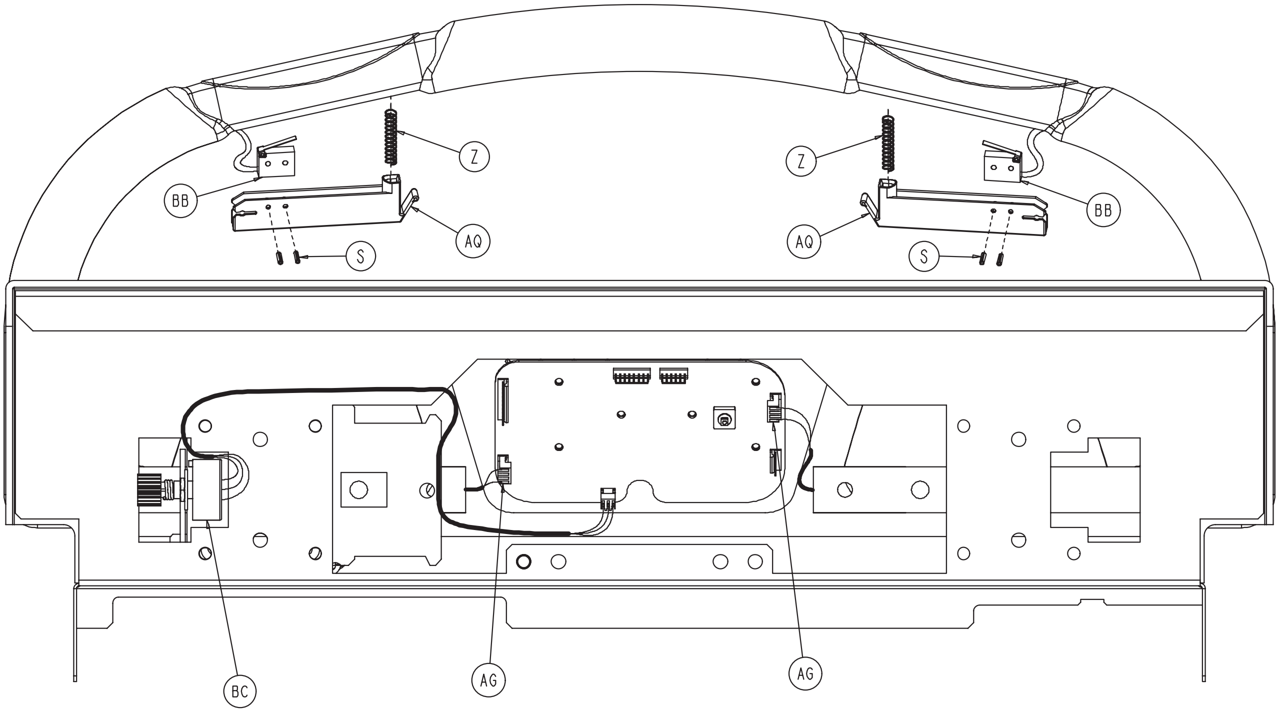
Zoom® Option Litter Assembly

For Reference Only: 3002-131-010


See Detail A
C
CB
BN
CU
AB
AB
BL
AR
AB
AT
BX
BK
AB
AR
BJ
AM
M
AN
T
B
P
AS
AC
T
Display Housing
CN
AC
B
P
P
BY
AW
CN
CN
AC
A
AZ
BM
BC
F
BR
CA
K
BR
A
BC
CL
Y
CC
DETAIL A

Zoom® Option Litter Assembly


AU
AP
AY
BT
Q
BU
DISPLAY HOUSING
BH


Z
BB
AQ
S
Z
BB
AQ
S
BC
AG
AG

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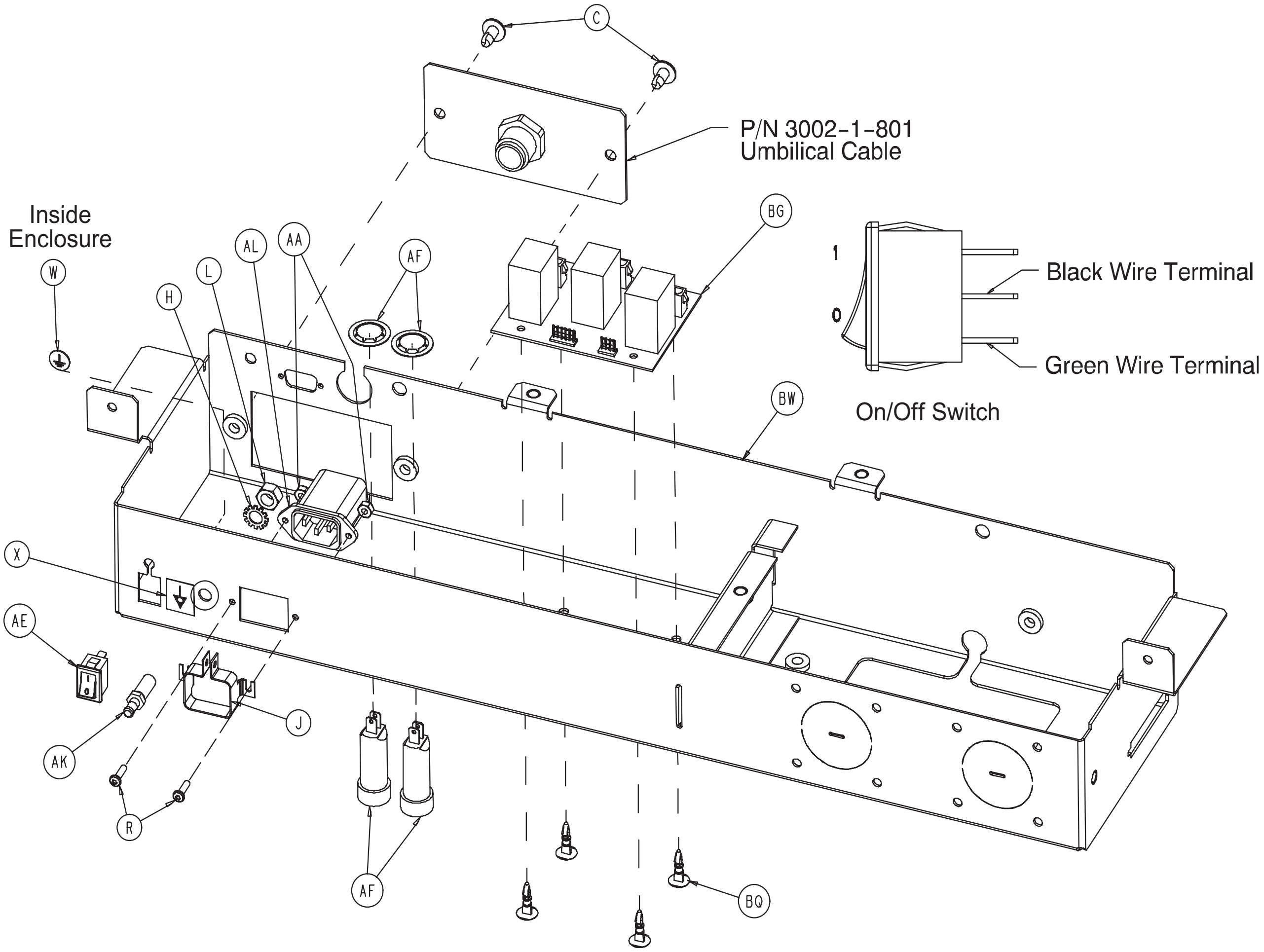
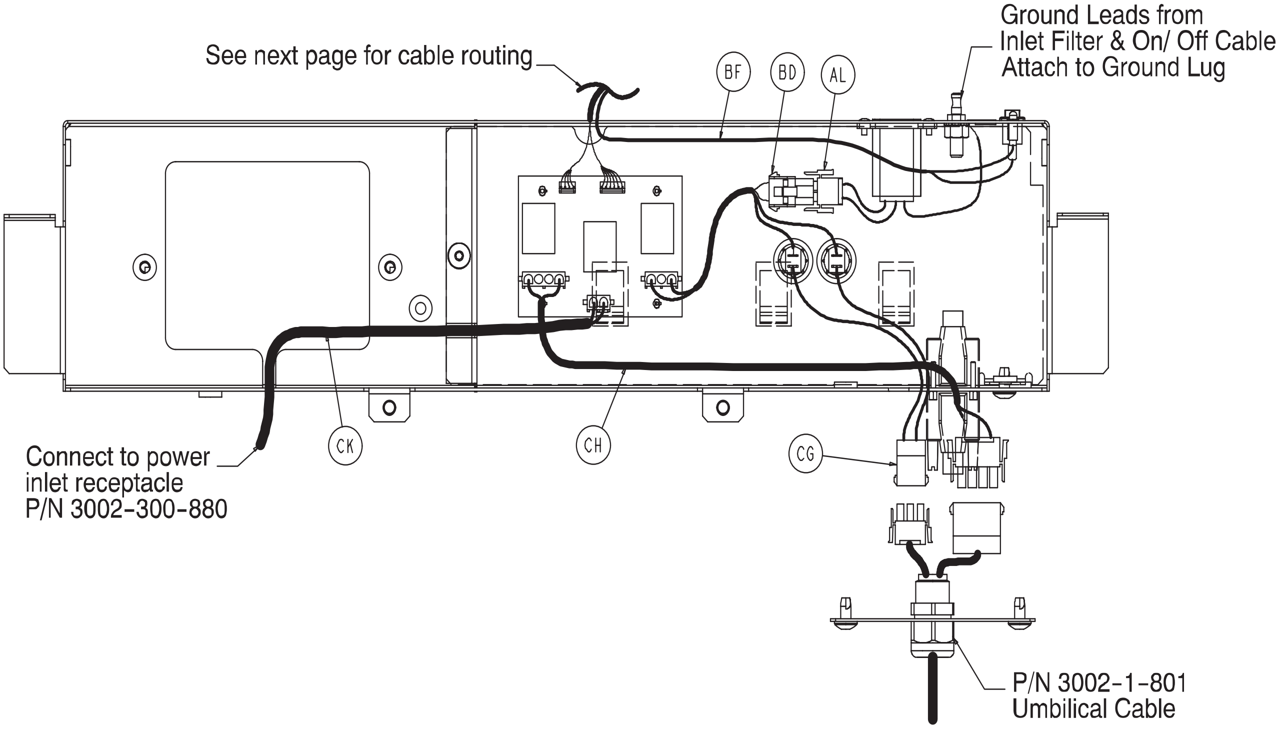
Zoom® Option Litter Assembly


C
P/N 3002-1-801
Umbilical Cable
Inside
Enclosure
W
AL
AA
AF
L
H
BG
1
0
Black Wire Terminal
Green Wire Terminal
On/Off Switch
BW
X
AE
J
AK
R
AF
BQ


Ground Leads from
Inlet Filter & On/ Off Cable
Attach to Ground Lug
See next page for cable routing
BF
BD
AL
Connect to power
inlet receptacle
P/N 3002-300-880
CK
CH
CG
P/N 3002-1-801
Umbilical Cable

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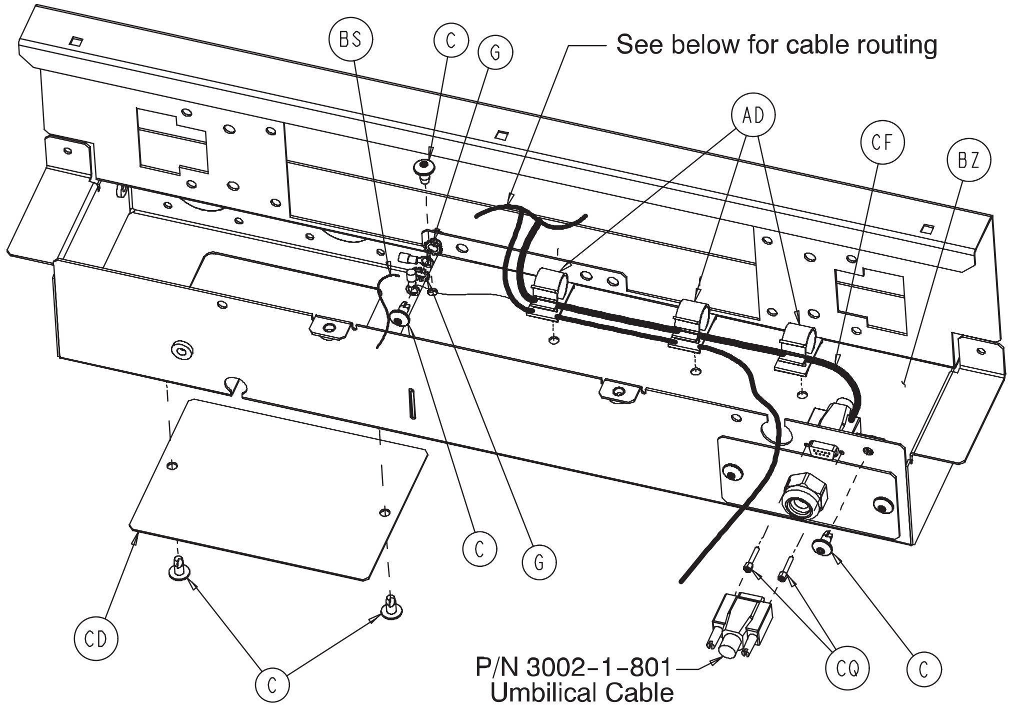
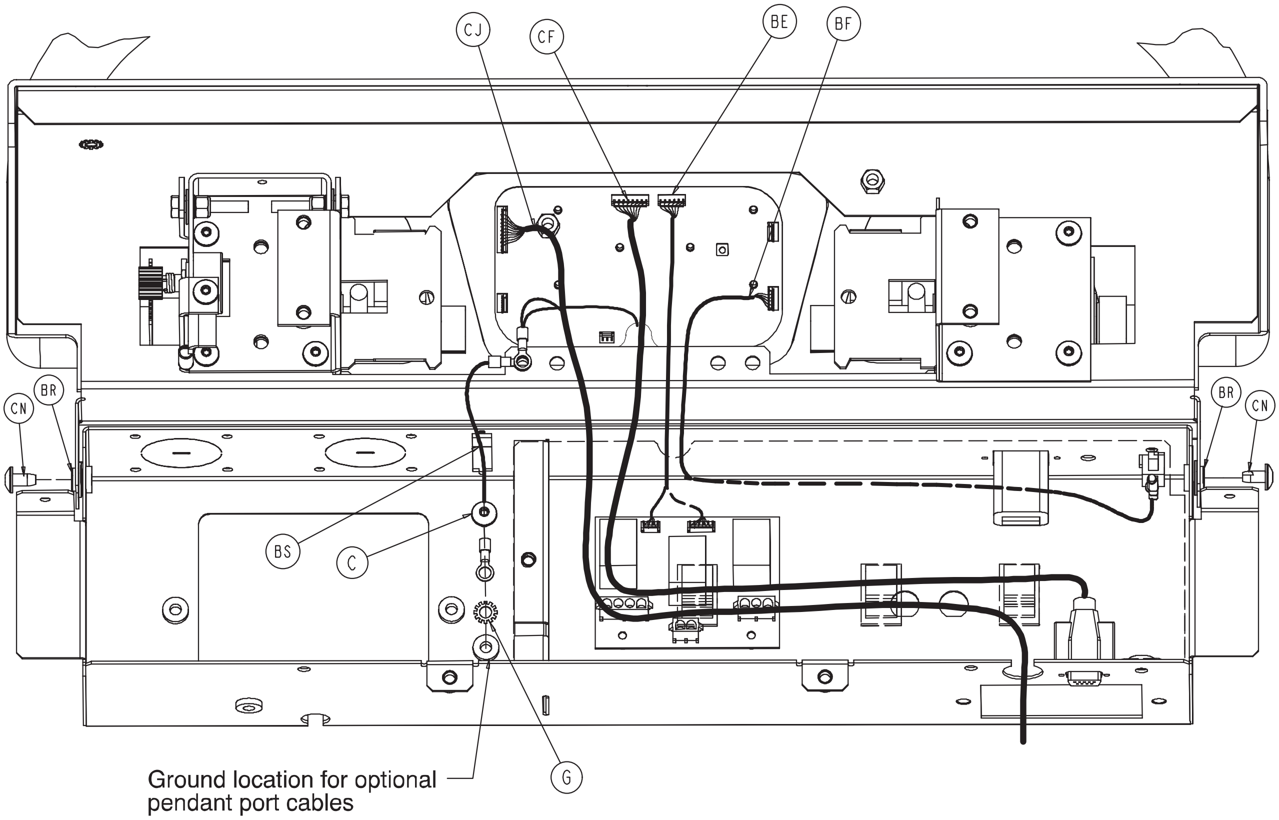
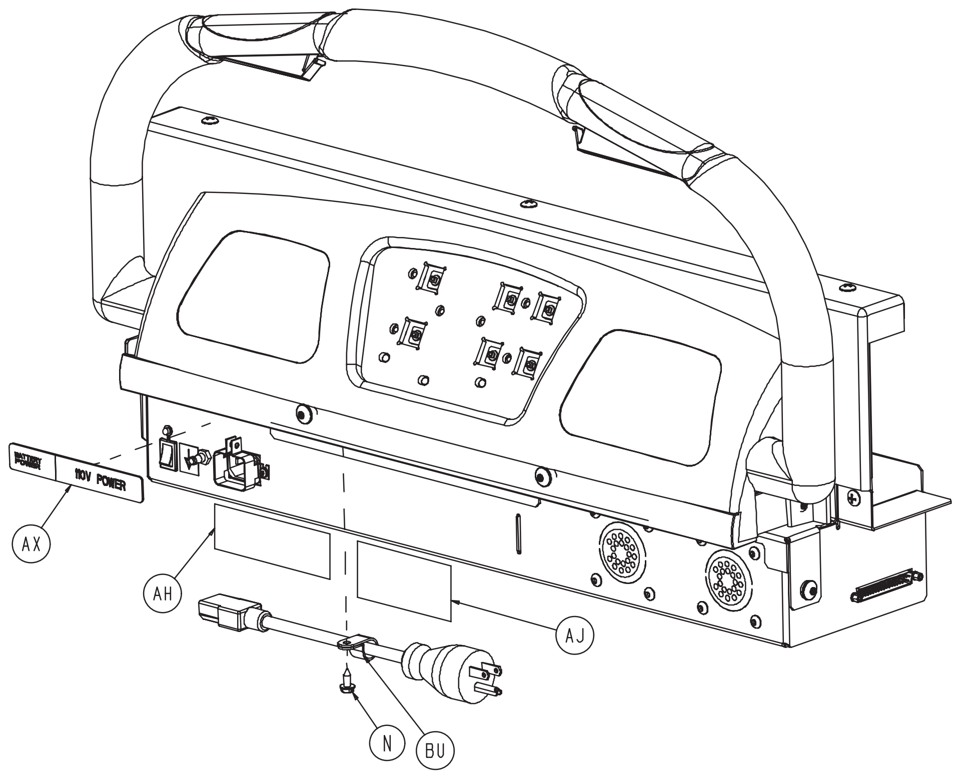
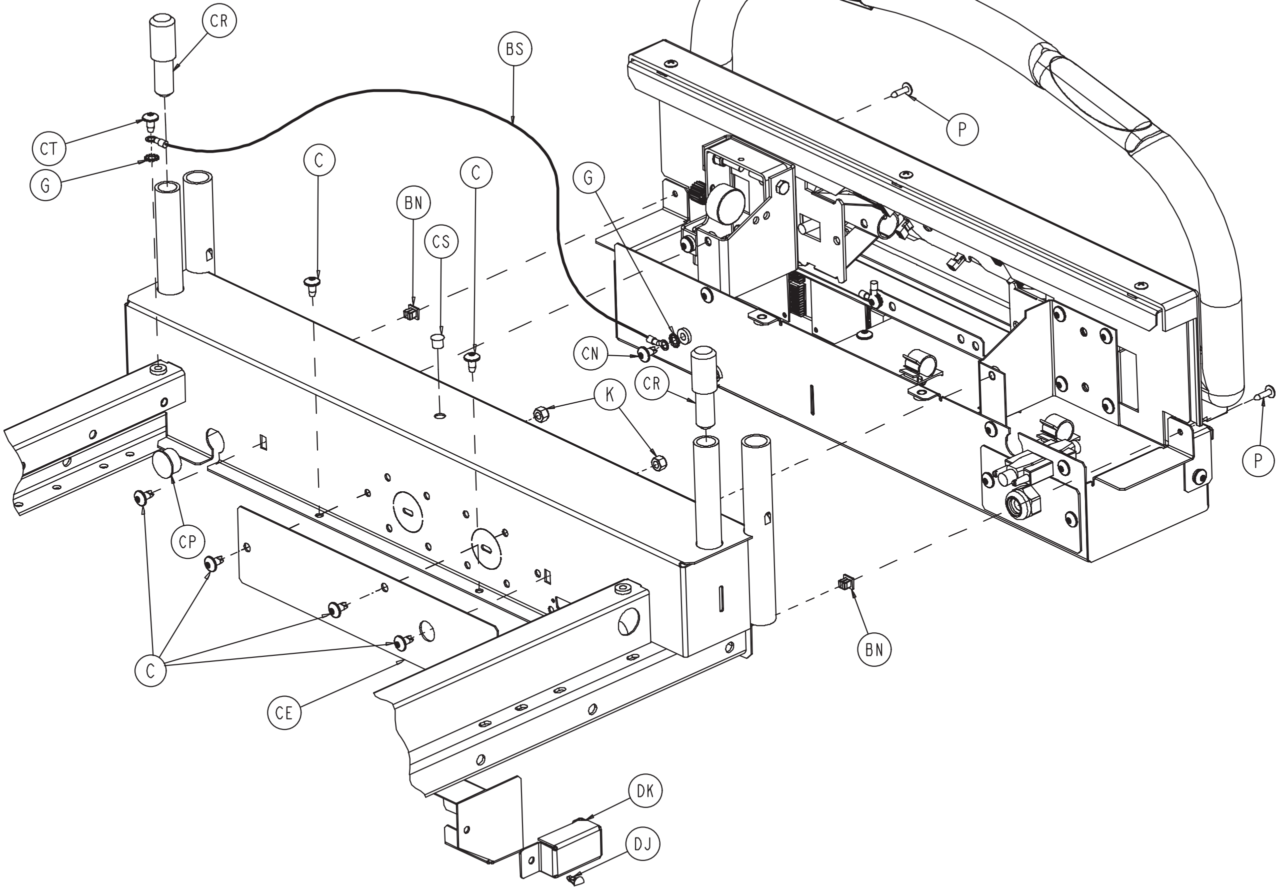
Zoom® Option Litter Assembly


BS
C
G
See below for cable routing
AD
CF
BZ
C
G
CD
C
P/N 3002-1-801
Umbilical Cable
CQ
C


CJ
CF
BE
BF
CN
BR
BR
CN
BS
C
G
Ground location for optional
pendant port cables

Zoom® Option Litter Assembly


BATTERY POWER
110V POWER
AX
AH
AJ
N
BU


CR
BS
P
CT
G
C
C
BN
CS
G
CN
CR
K
P
CP
BN
C
CE
DK
DJ

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Zoom® Option Litter Assembly

Zoom® Option Litter Assembly - 3002-131-010

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0003-050-000	Hex Hd. Cap Screw	2	AY	2040-031-105	Logo Label	1
B	0004-142-000	Soc. Hd. Cap Screw	2	AZ	2040-031-106	Potentiometer Gear	1
C	0007-052-000	Truss Hd. Torx	25	BB	2040-031-803	Mom. Cont. Swch. Cable	2
F	0011-193-000	Flat Washer	1	BC	2040-031-804	Potentiometer Cable	1
G	0013-010-000	Ext. Tooth Lock Washer	5	BD	2040-031-808	Charger AC Jumper Cable	1
H	0013-038-000	External Lock Washer	1	BE	2040-031-809	CPU/Crossover Cable	1
J	0059-205-000	Connector Lock	1	BF	2040-031-810	On/Off Cable	1
K	0016-028-000	Nylock Nut	4	BG	2040-031-900	AC/Switchover PCB Ass'y	1
L	0016-033-000	Kep Nut	1	BH	2040-031-910	Display/CPU Assembly	1
M	0021-140-000	Set Screw	4	BJ	2040-231-064	Control Bar	1
N	0023-025-000	Hex Washer Hd. Screw	1	BK	2040-031-110	Pivot Bracket, Right	1
P	0023-080-000	Truss Hd. Screw	5	BL	2040-031-111	Pivot Bracket, Left	1
Q	0023-112-000	Hi-Low Tapping Screw	6	BM	3000-200-253	Pot. Worm Gear Retainer	1
R	0050-032-000	Pan Hd. Mach. Screw	2	BN	3000-300-002	Plastic Clip Nut	5
S	0026-303-000	Roll Pin	4	BP	3000-300-114	4" Wire Tie	5
T	0027-022-000	Rue Pin	2	BQ	3000-300-115	Standoff	4
U	0034-022-000	Cord Clamp	1	BR	3001-300-099	Pivot Bearing	4
W	0036-046-000	Ground Label	1	BS	3002-300-870	8" Ground Strap	2
X	0036-115-000	Ground Label	1	BT	3001-400-953	Switch Cap	6
Y	0038-482-000	Extension Spring	1	BU	3002-031-011	Top Display Housing	1
Z	0038-448-000	Switch Handle Ret. Spring	2	BW	3002-031-053	Hd. End Bottom Enclosure	1
AA	0016-023-000	Nylock Nut	2	BX	3002-031-063	Head End Top Enclosure	1
AB	0052-762-000	Flange Bearing	4	BY	2040-231-069	Display Bumper	1
AC	0055-027-000	"U"-Type Nut	4	BZ	3002-031-092	Hd. End Electronics Cover	1
AD	0059-133-000	Push-Mount Wire Clip	3	CA	3002-031-108	Potentiometer Mount	1
AE	0059-191-000	On/Off Switch	1	CB	3002-031-109	Reinforcement Brkt., Left	1
AF	0059-195-000	Circuit Breaker	2	CC	3002-031-110	Reinforcement Brkt., Right	1
AG	0059-781-000	4-Position Connector	2	CD	3002-031-112	Pendant Port Cover	1
AH	1550-090-001	Hosp. Grade Plug Label	1	CE	3002-031-115	Cover Plate	1
AJ	2011-001-104	Danger Label	1	CF	3002-031-801	Zoom CPU Signal Jumper	1
AK	2011-001-215	Grounding Lug	1	CG	3002-031-802	Zoom Breaker Jumper	1
AL	2035-031-880	Power Inlet Cable	1	CH	3002-031-803	Zoom Crossover PCB Jmpr.	1
AM	2040-031-051	Potentiometer Collar	1	CJ	3002-007-805	Zoom/Bed CPU Jumper	1
AN	2040-031-054	Bumper Attachment Wldmt.	1	CK	3002-031-805	Bed AC Power Jumper	1
AP	2040-031-062	Display Label	1	CL	0004-325-000	Soc. Hd. Cap Screw	1
AQ	2040-031-068	Contact Switch Handle	2	CN	0007-063-000	Truss Hd. Torx	7
AR	2040-031-073	Stop Pin	2	CP	0037-240-000	Hole Plug	1
AS	2040-031-074	Control Bar Return Spring	2	CQ	3001-300-007	M/F Screw	2
AT	2040-031-082	Potentiometer Collar	1	CR	3002-031-114	Head Board Extender	2
AU	2040-031-101	Drive Instruction Label	1	CS	0059-738-000	Hole Plug	1
AW	2040-031-102	Drive Warning Label	1	CT	0007-065-000	Truss Hd. Screw	1
AX	2040-031-103	Power Label	1	CU	0044-032-000	Pressure Sensitive Tape	4

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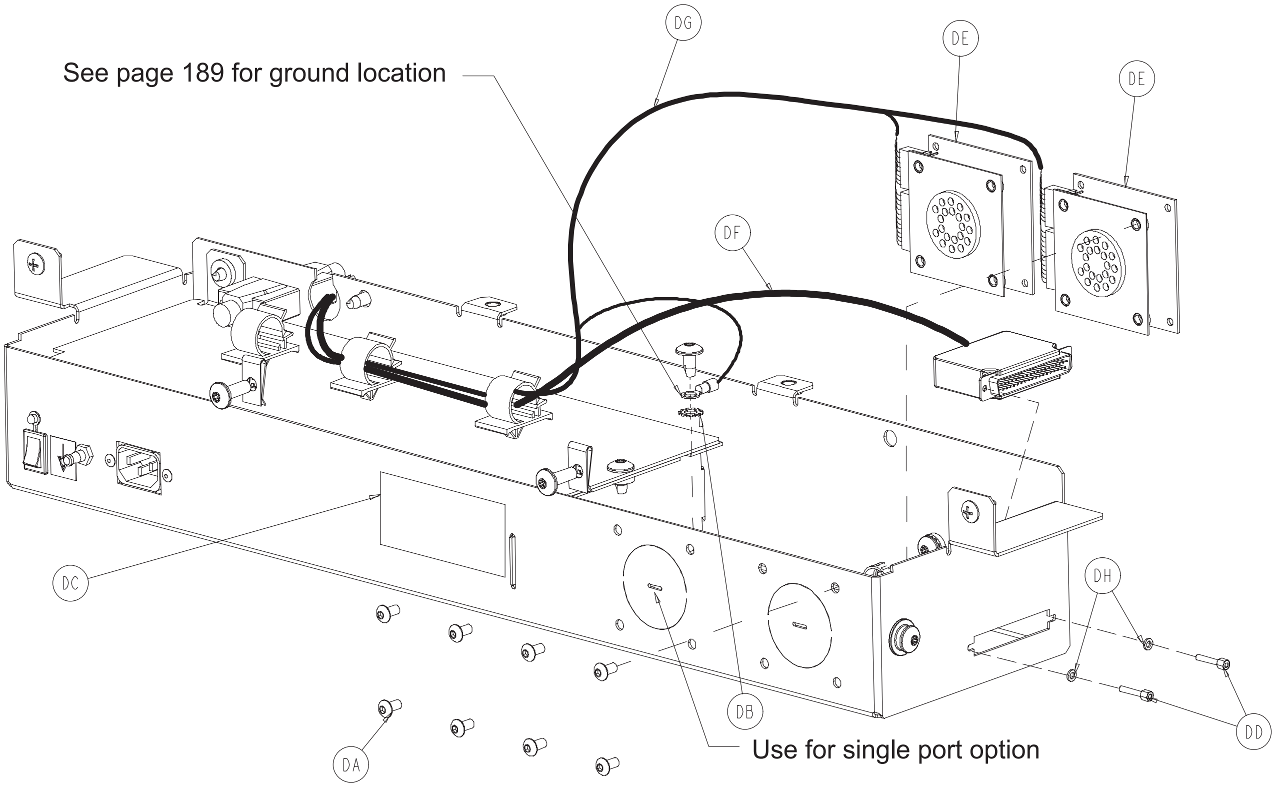
Zoom Option Litter Assembly



Head Wall Communication Option - 3002-031-200

Item	Part No.	Part Name	Qty.
DD	3001-300-007	M/F Screw	2
DF	3002-080-008	Head Wall IF Cable	1

Head Wall Comm. w/Nurse Call - 3002-031-201

Item	Part No.	Part Name	Qty.
DD	3001-300-007	M/F Screw	2
DF	5010-080-008	Head Wall Interface Cable	1
DH	0012-046-000	Split Lock Washer	2
DK	3001-303-045	Battery Enclosure Ass'y	1

HW Comm. w/NC & 1 Stryker Port - 3002-031-202

Item	Part No.	Part Name	Qty.
DA	0004-307-000	But. Hd. Cap Screw	4
DB	0013-010-000	Ext. Tooth Lock Washer	1
DC	2040-031-104	Cord Out Label	1
DD	3001-300-007	M/F Screw	2
DE	3001-314-920	Head Wall Pend. Port PCB	1
DF	3002-080-008	Head Wall Interface Cable	1
DG	3002-031-807	Zoom Pendant Port Cable	1
DH	0012-046-000	Split Lock Washer	2
DK	3001-303-045	Battery Enclosure Ass'y	1

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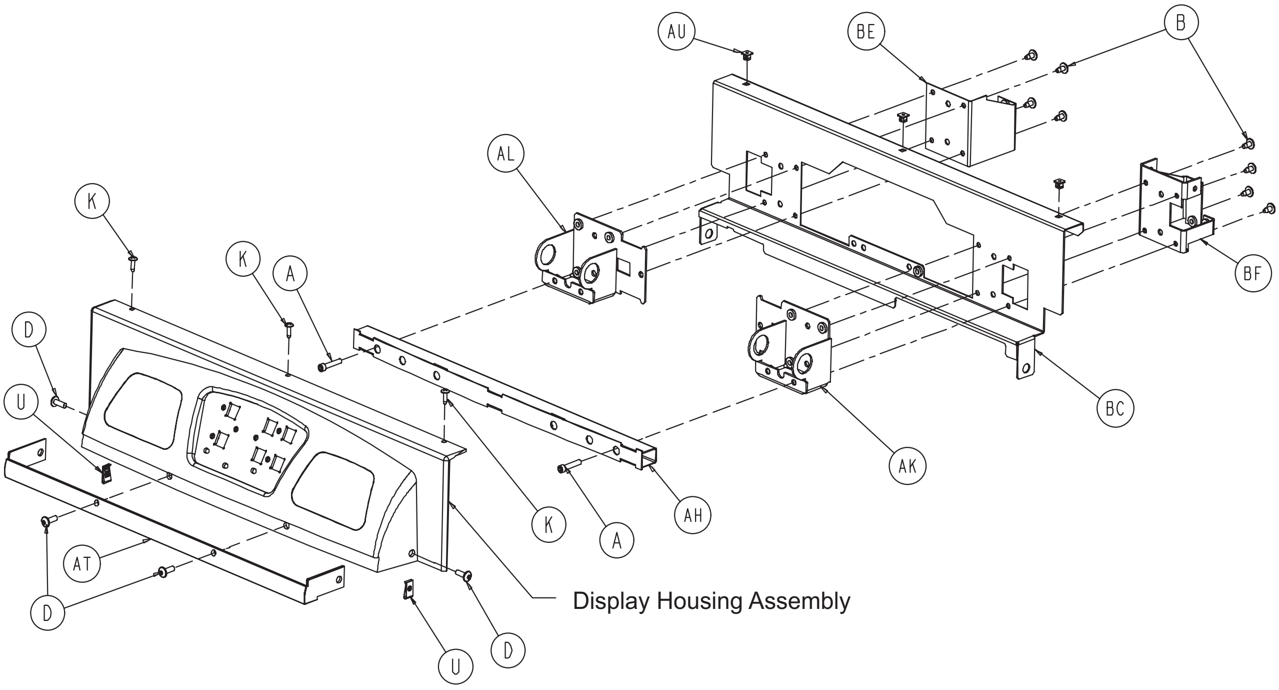
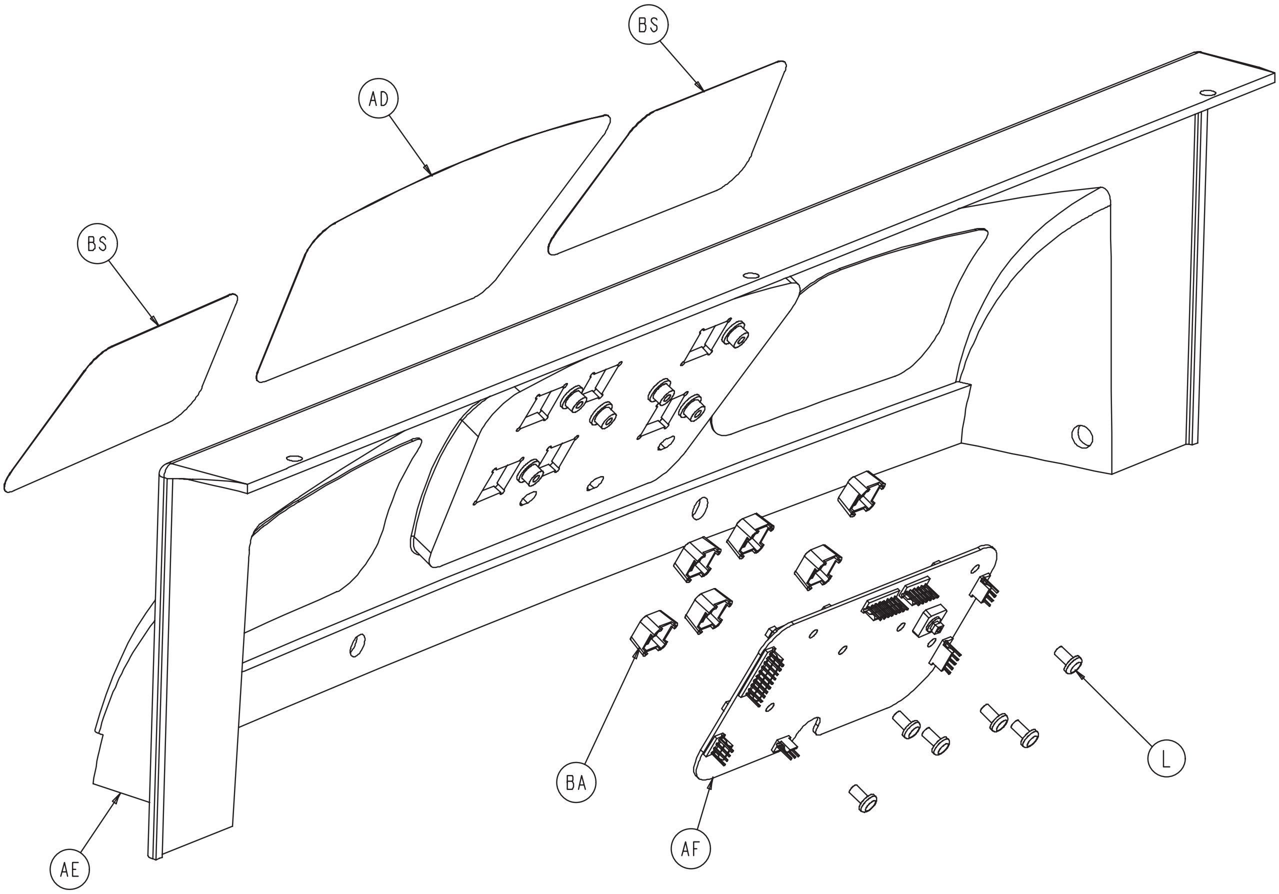
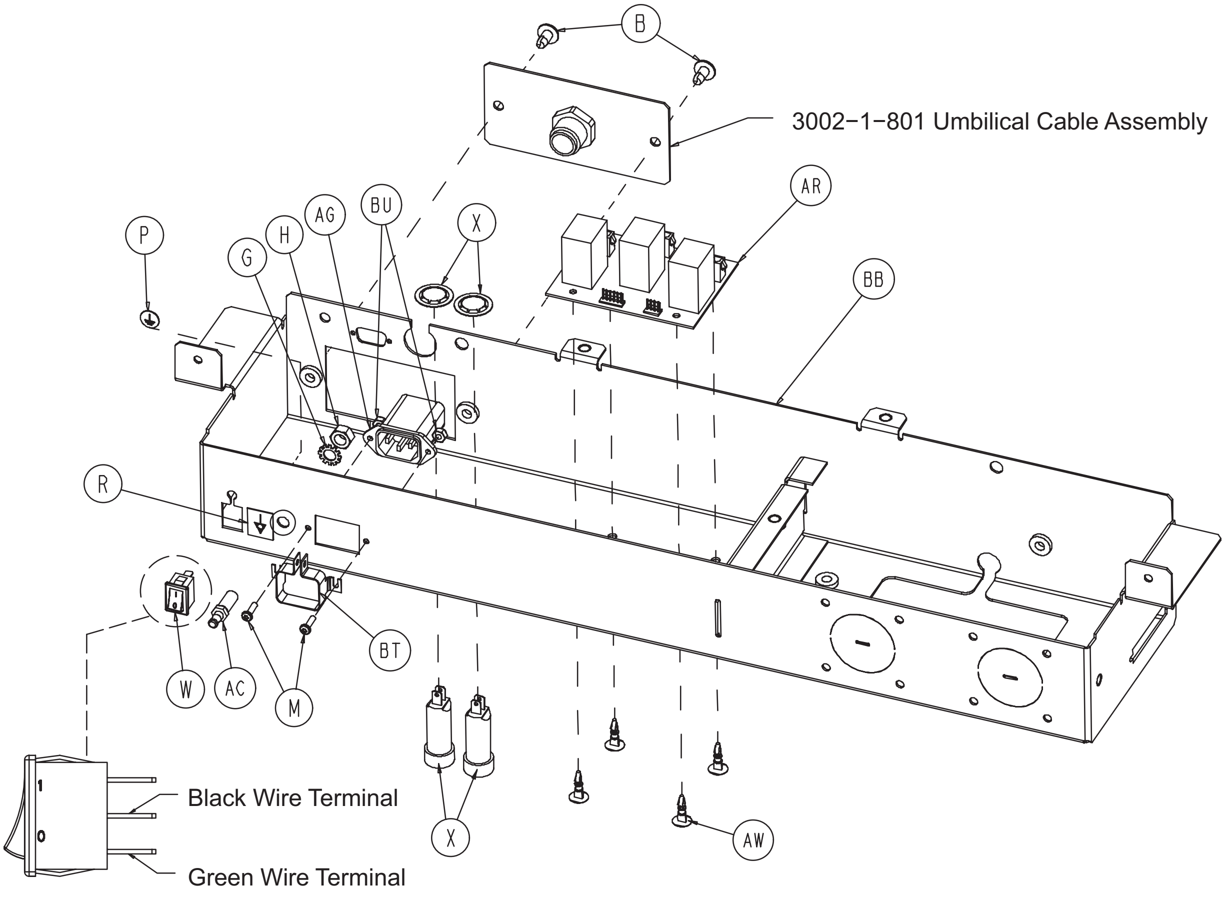
Battery Backup Option Head End Enclosure

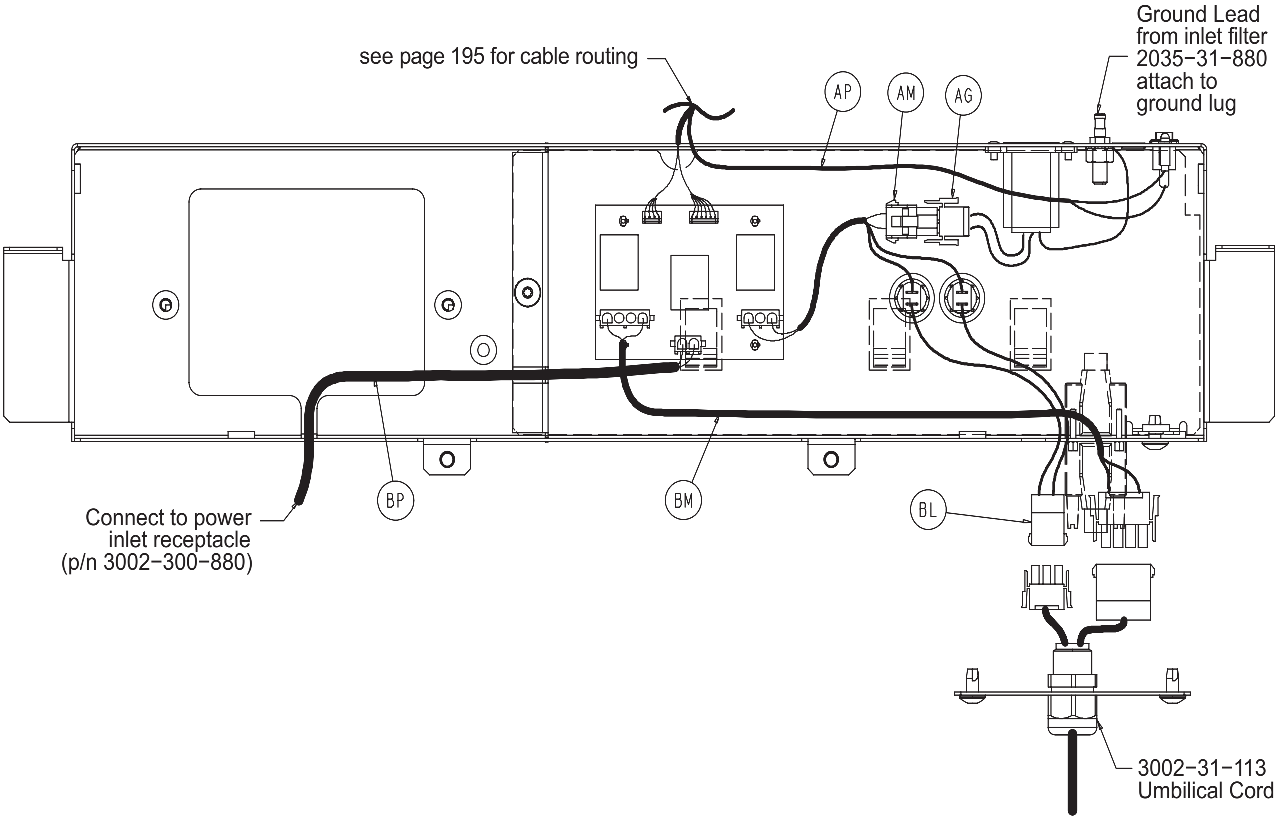
For Reference Only: 3002-450-150


AU
BE
B
AL
K
K
A
D
U
BF
BC
AK
AH
A
K
AT
D
U
D
Display Housing Assembly


BS
AD
BS
BA
L
AF
AE

Battery Backup Option Head End Enclosure


B
3002−1−801 Umbilical Cable Assembly
AR
BU
AG
X
H
P
G
BB
R
BT
W
AC
M
X
AW
Black Wire Terminal
Green Wire Terminal
1
0


see page 195 for cable routing
Ground Lead
from inlet filter
2035−31−880
attach to
ground lug
AP
AM
AG
Connect to power
inlet receptacle
(p/n 3002−300−880)
BP
BM
BL
3002−31−113
Umbilical Cord

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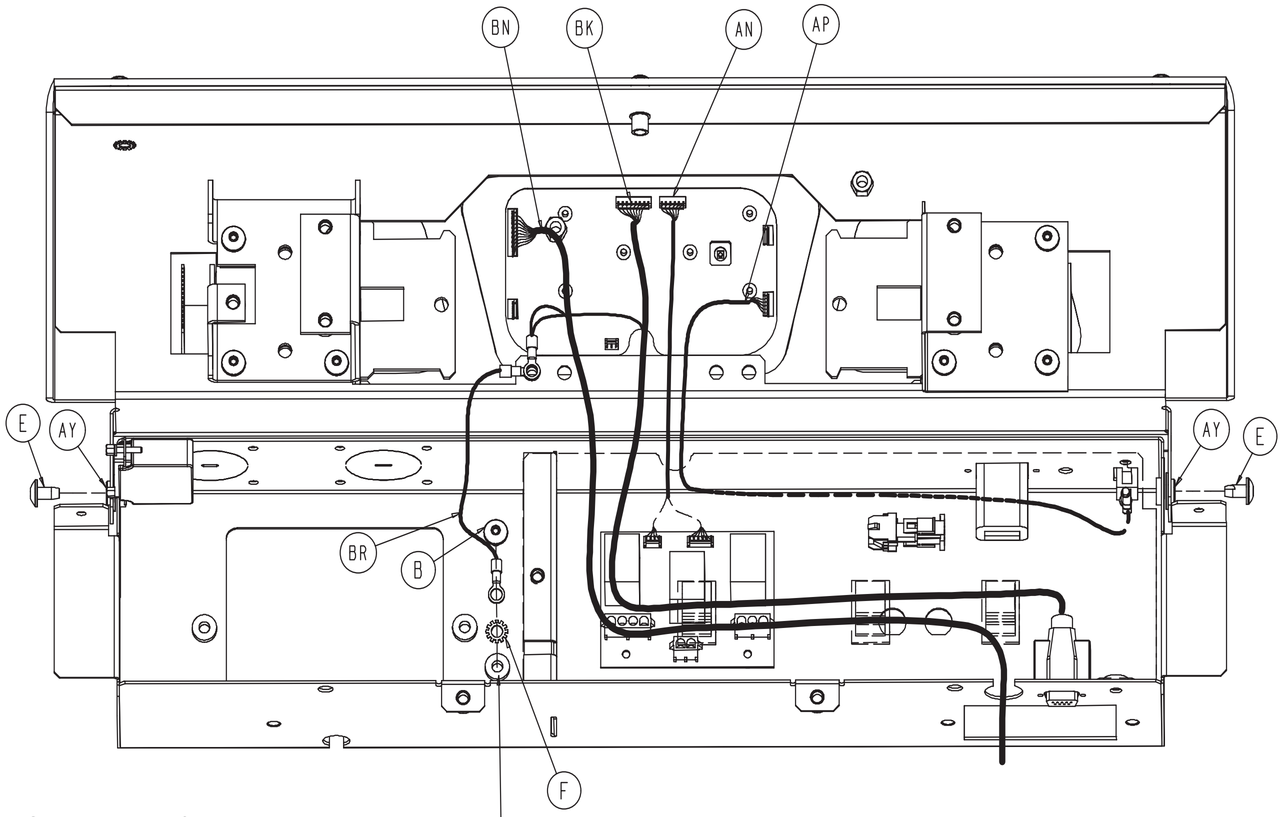
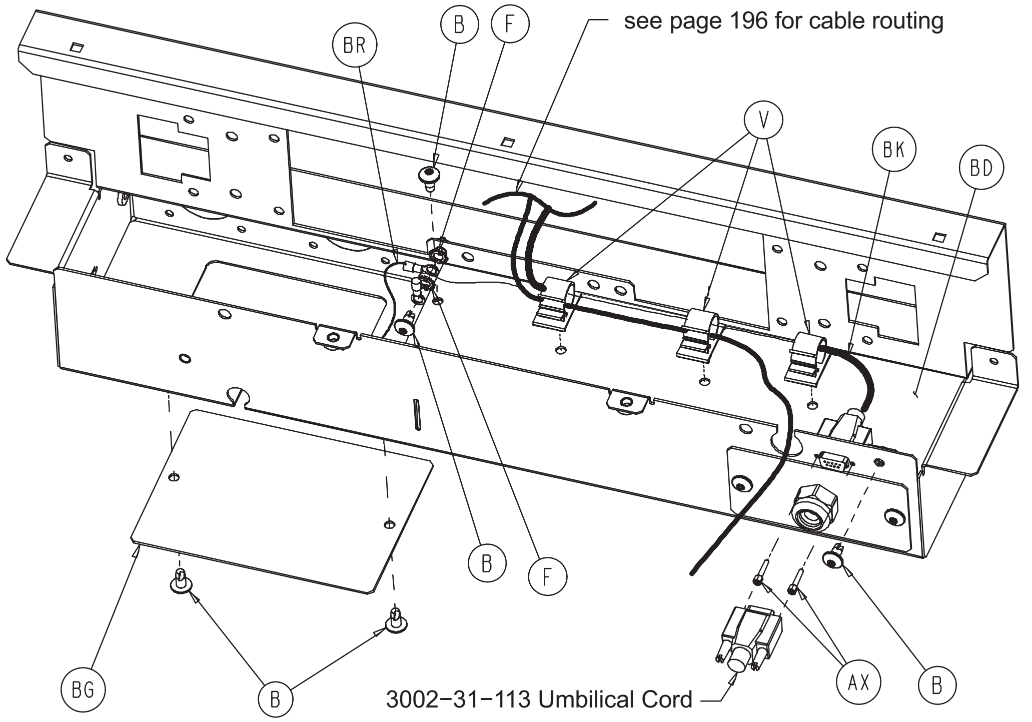
Battery Backup Option Head End Enclosure


BN
BK
AN
AP
E
AY
AY
E
BR
B
F

Ground location for optional pendant port cables


BR
B
F
V
BK
BD
B
F
BG
B
AX
B

see page 196 for cable routing

3002−31−113 Umbilical Cord

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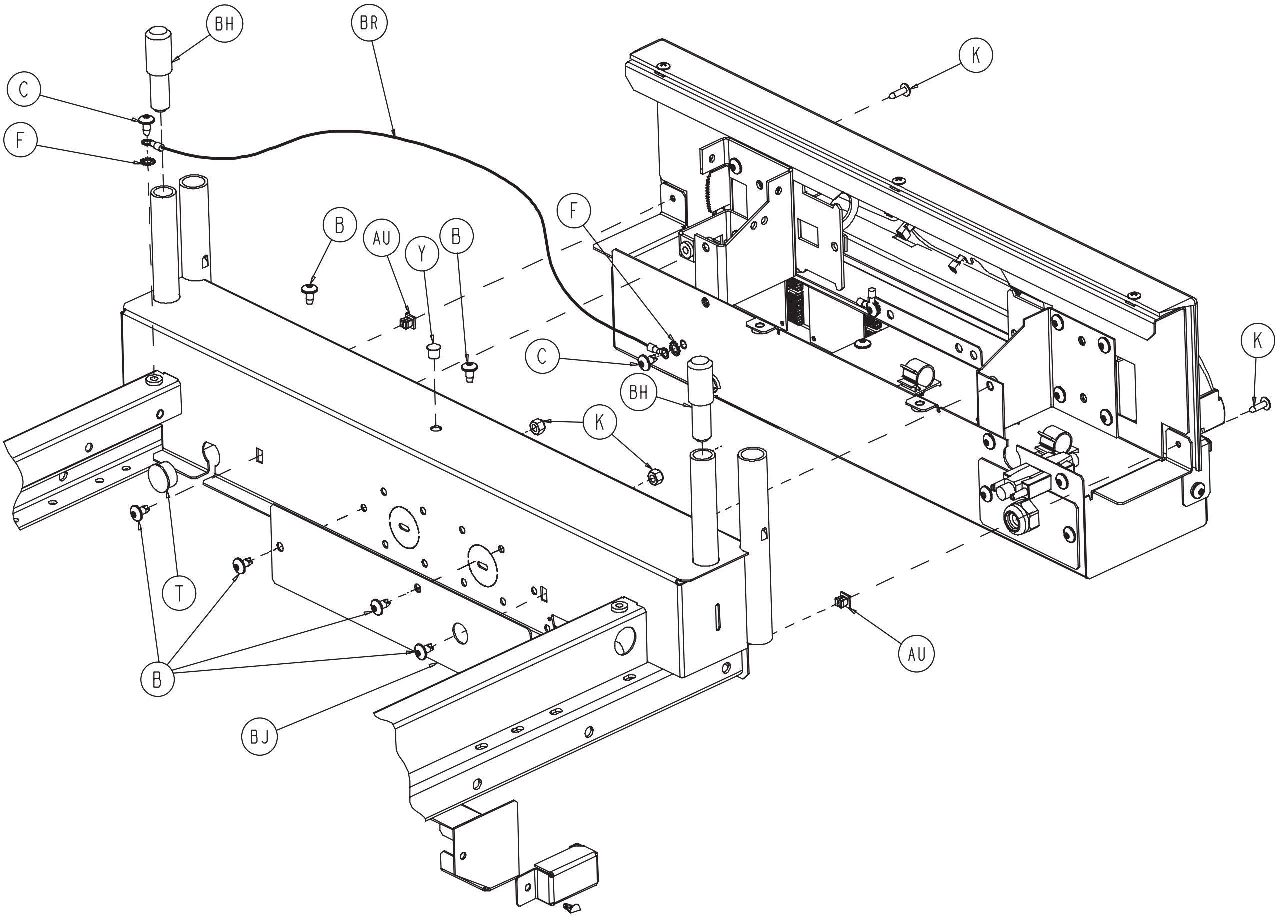
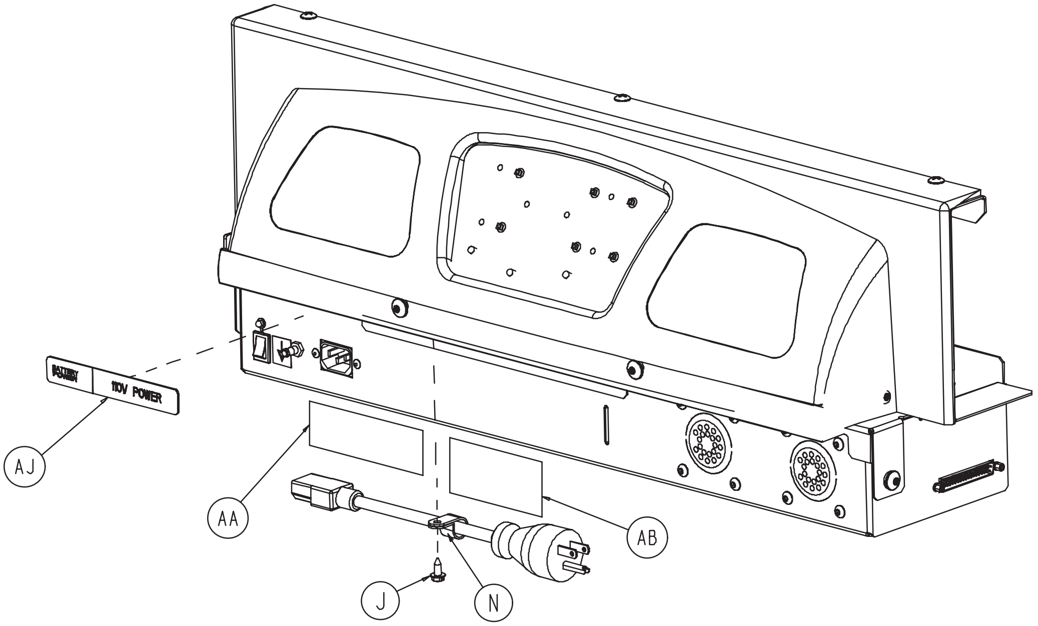
Battery Backup Option Head End Enclosure


BH
BR
K
C
F
B
AU
Y
B
F
K
C
BH
K
T
B
AU
BJ


BATTERY POWER
110V POWER
AJ
AA
AB
J
N

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Battery Backup Option Head End Enclosure

Battery Backup Option Head End Enclosure - 3002-450-150

Item	Part No.	Part Name	Qty.
A	0004-142-000	Soc. Hd. Cap Screw	2
B	0007-052-000	Truss Hd. Torx Screw	22
C	0007-053-000	Truss Hd. Torx Screw	2
D	0007-063-000	Truss Hd. Torx Screw	4
E	0007-063-000	Truss Hd. Torx Screw	2
F	0013-010-000	Ext. Tooth Lock Washer	5
G	0013-038-000	Ext. Tooth Lock Washer	1
H	0016-033-000	Kep Nut	1
J	0023-025-000	Hex Washer Hd. Screw	1
K	0023-080-000	Truss Hd. Screw	5
L	0023-112-000	Hi–Low Tapping Screw	6
M	0025-040-000	Rivet	2
N	0034-022-000	Cord Clamp	1
P	0036-046-000	Ground Label	1
R	0036-115-000	Ground Label	1
T	0037-240-000	Hole Plug	1
U	0055-027-000	“U” Type Nut	2
V	0059-113-000	Push-Mount Wire Clip	3
W	0059-191-000	On/Off Switch	1
X	0059-195-000	3A Circuit Breaker	2
Y	0059-738-000	Hole Plug	1
AA	1550-090-001	Hospital Grade Plug Label	1
AB	2011-001-104	Danger Label	1
AC	2011-001-215	Grounding Lug	1
AD	2030-031-010	Display Label	1
AE	2030-031-208	Display Housing	1
AF	2030-031-910	Display / CPU	1
AG	2035-031-880	Inlet Filter Cable	1
AH	2040-031-054	Bumper Attachment Wldmt.	1
AJ	2040-031-103	Power Label	1
AK	2040-031-110	Pivot Bracket, Right	1
AL	2040-031-111	Pivot Bracket, Left	1
AM	2040-031-808	Charger AC Jumper Cable	1
AN	2040-031-809	CPU/Crossover PCB Jumper	1
AP	2040-031-810	On/Off Cable	1
AR	2040-031-900	AC Switchover PCB	1
AT	2040-231-069	Display Bumper	1
AU	3000-300-002	Plastic Clip Nut	5
AV	3000-300-114	Wire Tie	5
AW	3000-300-115	Standoff	4
AX	3001-300-007	Jack Screw	2
AY	3001-300-099	Pivot Bearing	2
BA	3001-400-953	Switch Cap	6
BB	3002-031-053	Bottom Hd. End Enclosure	1
BC	3002-031-063	Top Head End Enclosure	1
BD	3002-031-092	Hd. End Electronics Cover	1
BE	3002-031-109	Reinforcement Brkt., Hd., Lt.	1
BF	3002-031-110	Reinforcement Brkt., Hd., Rt.	1
BG	3002-031-112	Pendant Port Cover	1
BH	3001-031-114	Head Board Extender	2
BJ	3002-031-115	Cover Plate	1
BK	3002-031-801	CPU Signal Jumper	1
BL	3002-031-802	Breaker Jumper	1
BM	3002-031-803	Crossover PCB Jumper	1
BN	3002-007-805	Zoom to Bed CPU Jumper	1
BP	3002-031-805	Bed AC Power Jumper	1
BR	3002-300-870	Ground Strap	2
BS	3002-350-151	Secure II Logo Label	2
BT	0059-205-000	Connector Lock	1
BU	0016-023-000	Nylock Hex Nut	2

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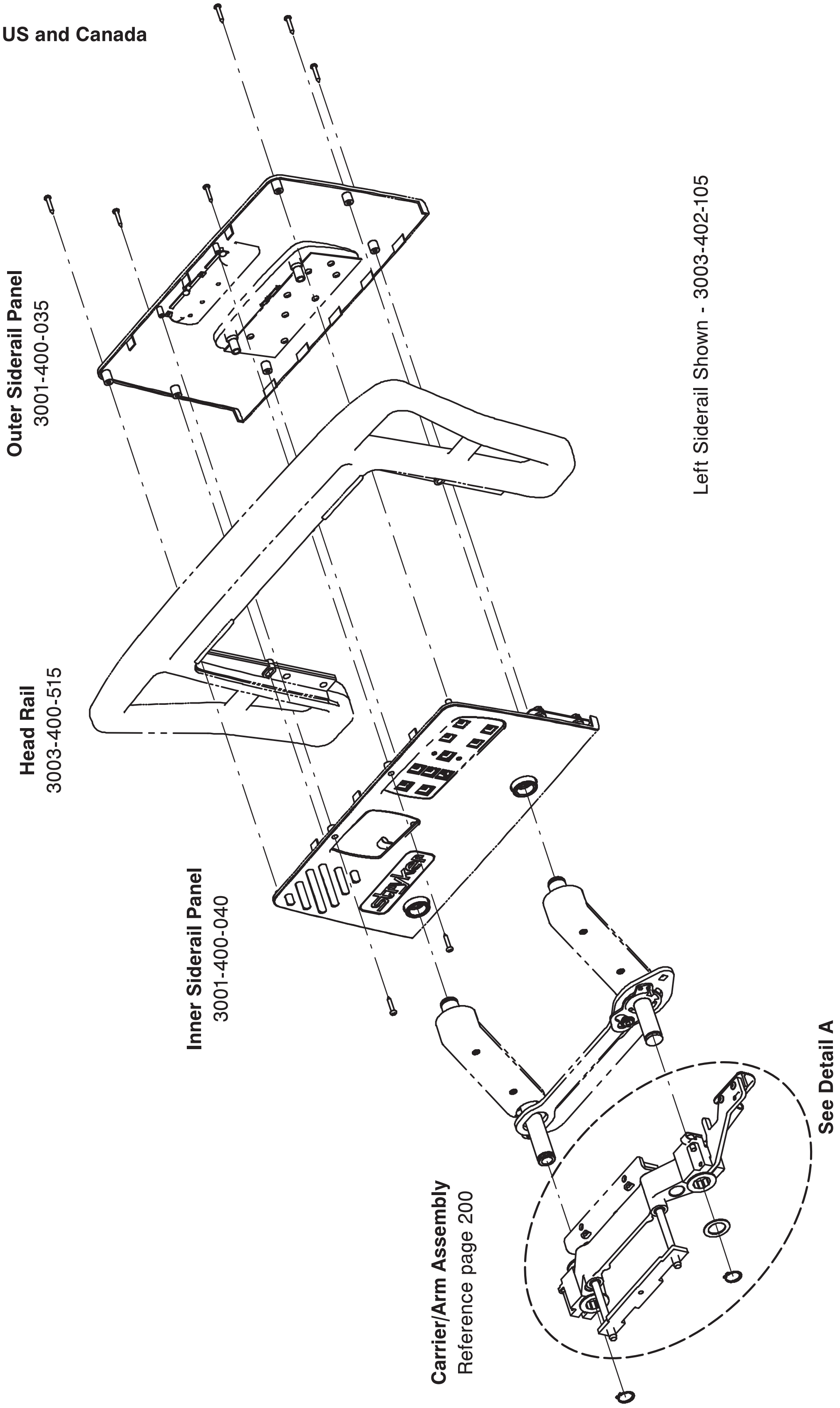
Head End Siderail Assembly

Inside the US and Canada


Outer Siderail Panel
3001-400-035
Head Rail
3003-400-515
Inner Siderail Panel
3001-400-040
Carrier/Arm Assembly
Reference page 200
See Detail A
Left Siderail Shown - 3003-402-105

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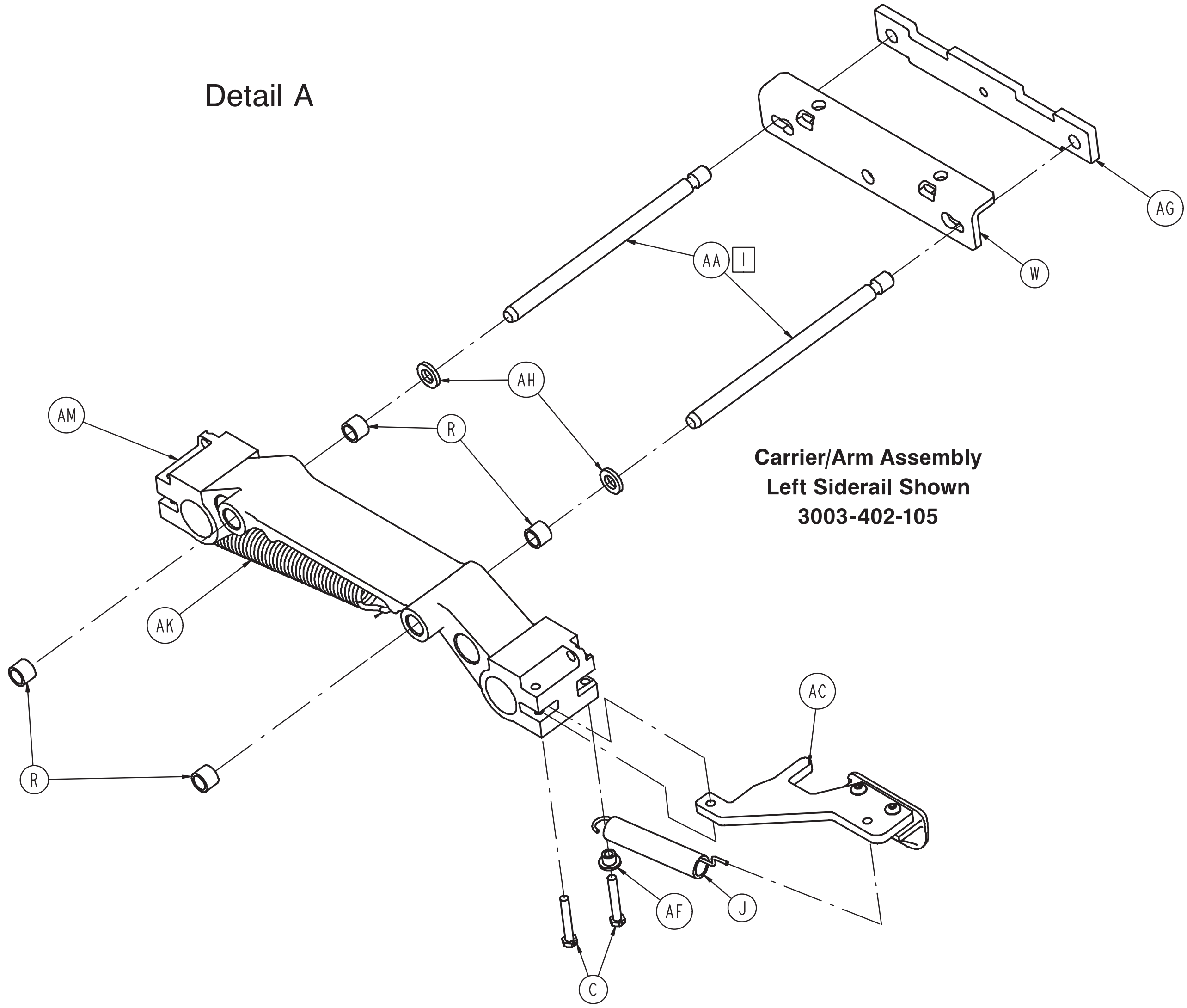
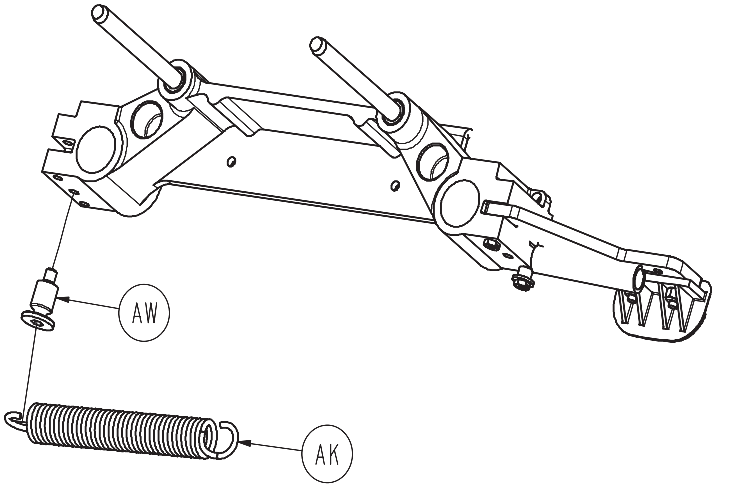
Inside the US and Canada

Detail A


AG
W
AA
I
AH
AM
R
AK
R
AC
AF
J
C

Carrier/Arm Assembly
Left Siderail Shown
3003-402-105



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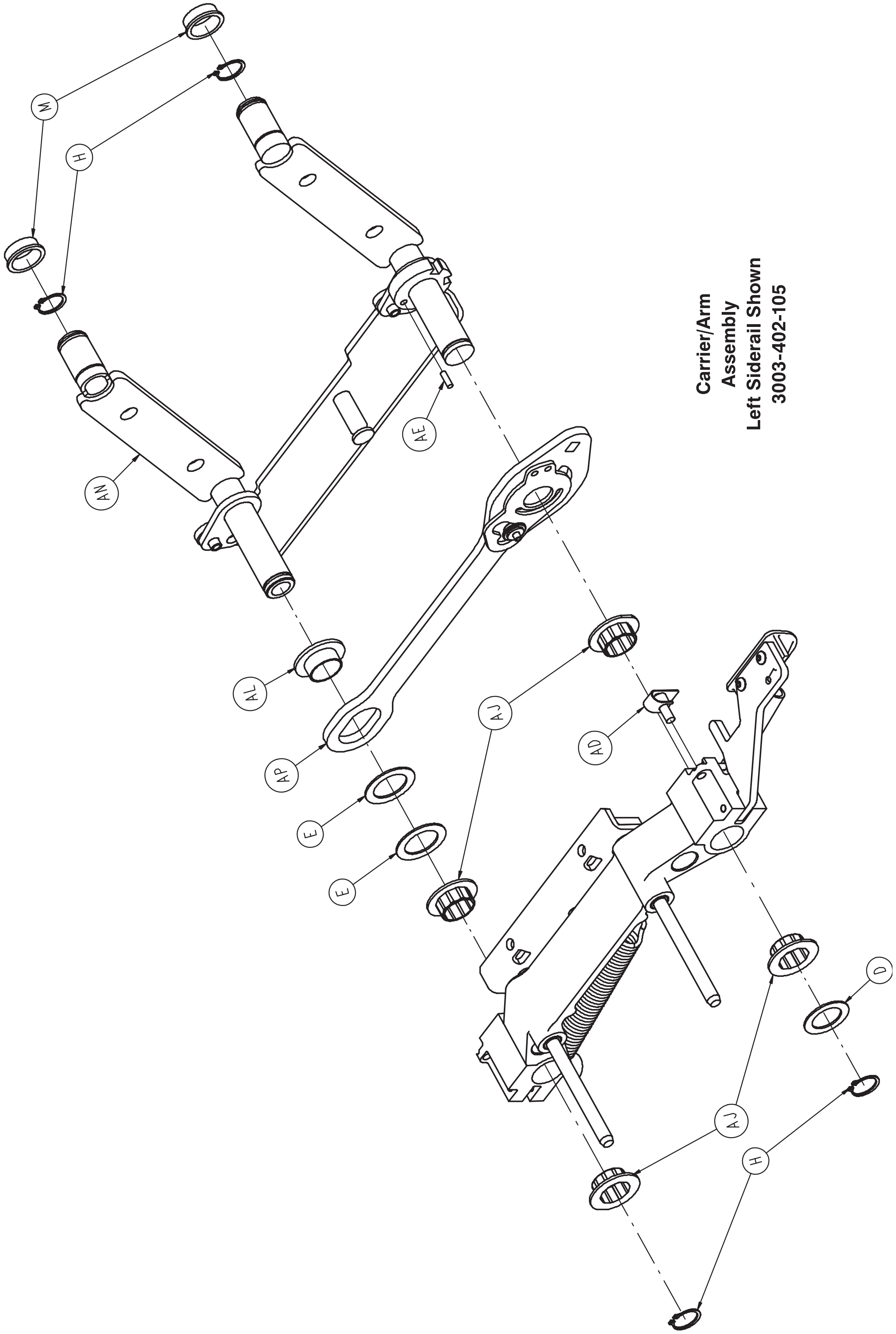
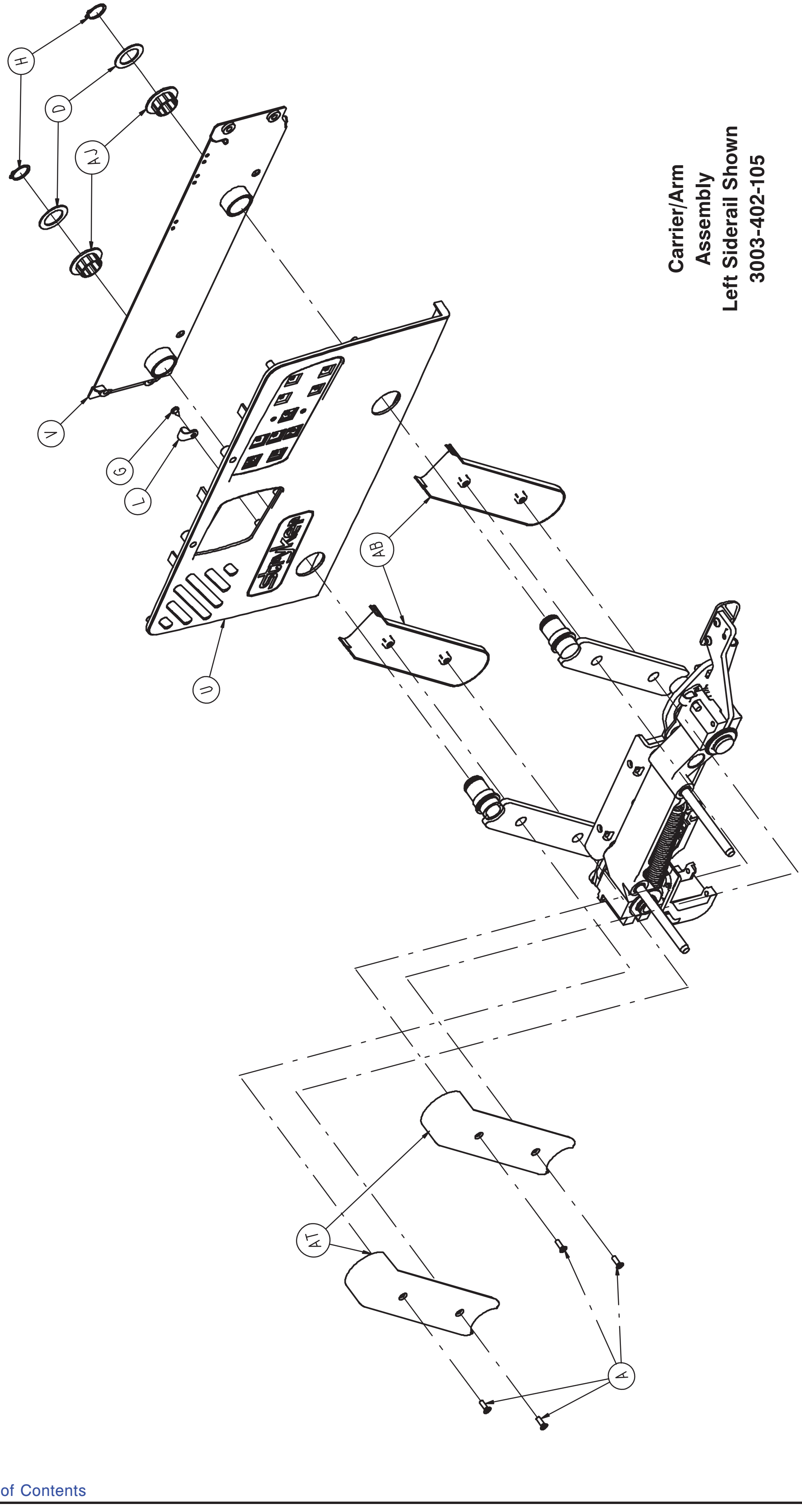
Head End Siderail Assembly


M
H
AN
AE
AL
AP
AJ
AD
E
E
D
AJ
H

Carrier/Arm Assembly
Left Siderail Shown
3003-402-105

Head End Siderail Assembly



Carrier/Arm
Assembly
Left Siderail Shown
3003-402-105

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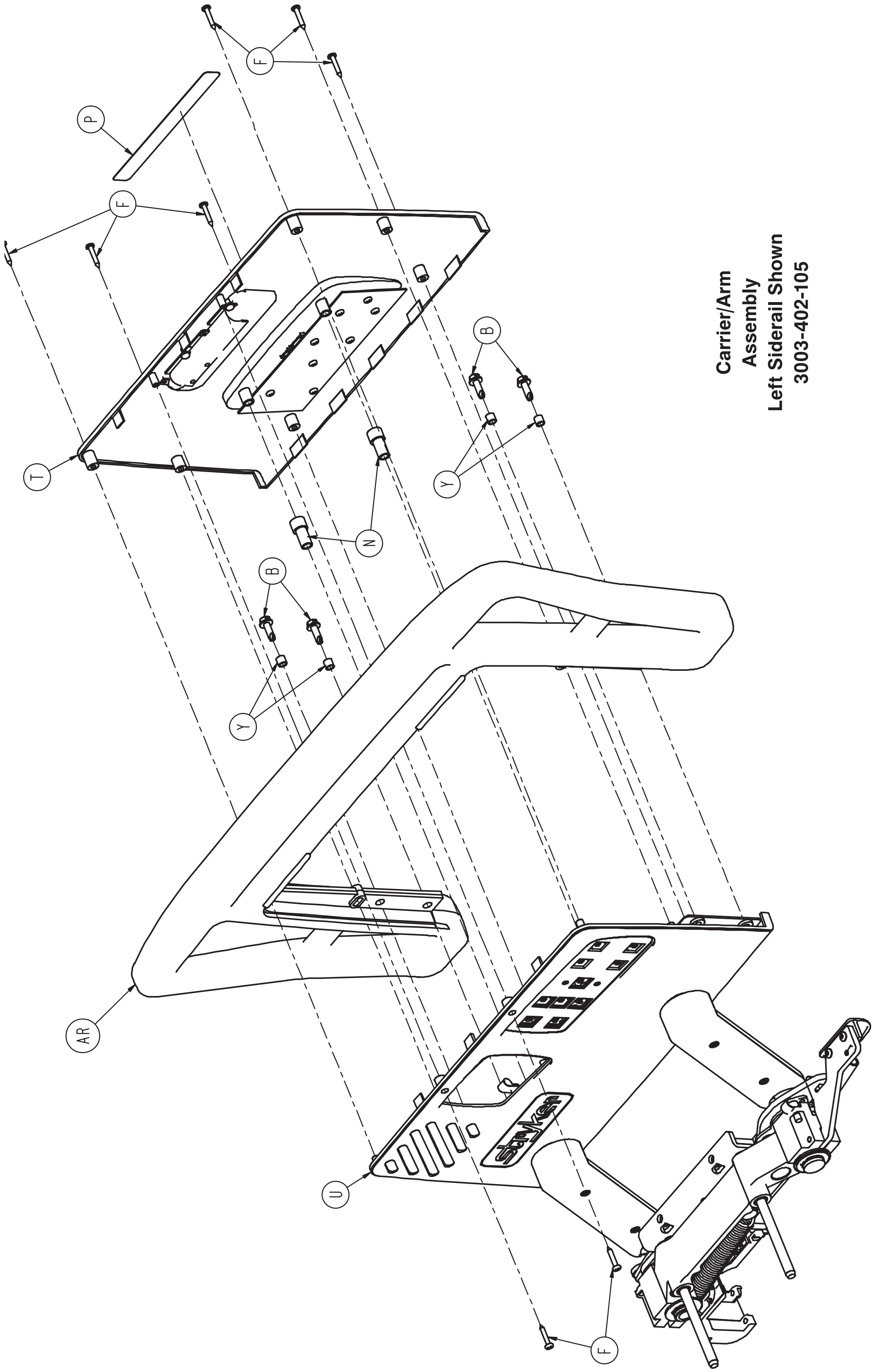
Head End Siderail Assembly


F
P
F
T
B
Y
N
B
Y
AR
U
F
Carrier/Arm
Assembly
Left Siderail Shown
3003-402-105

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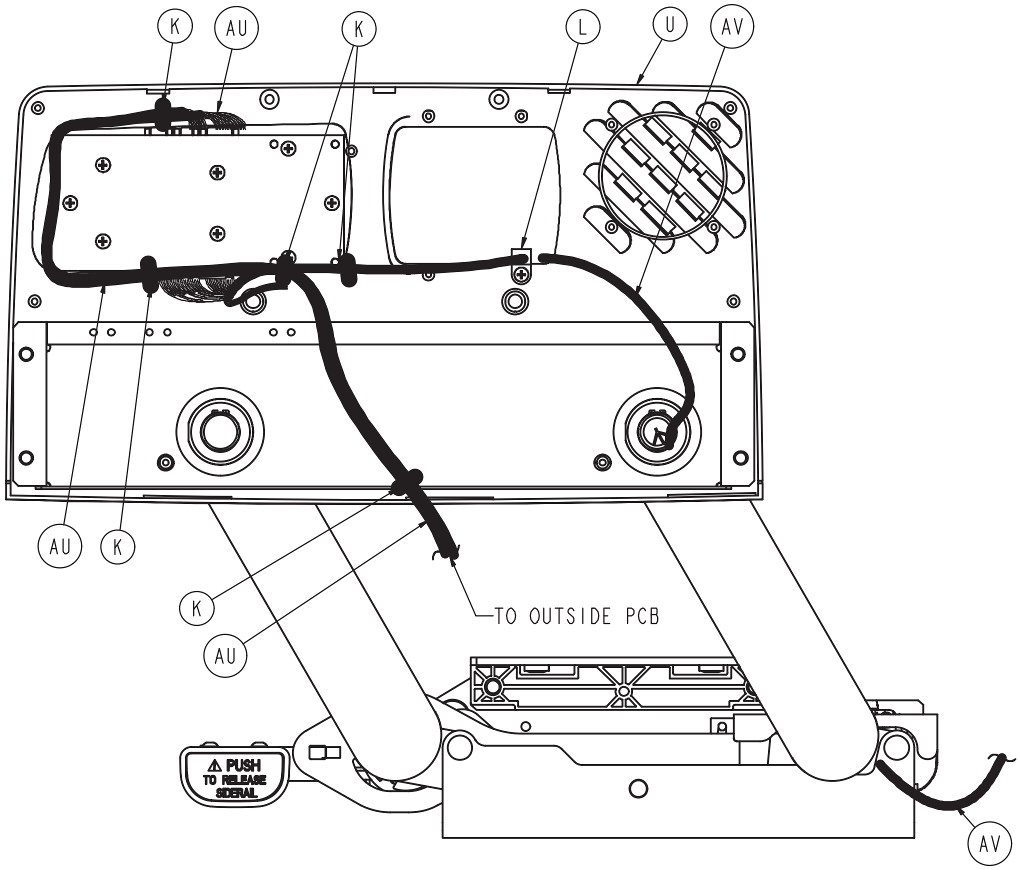
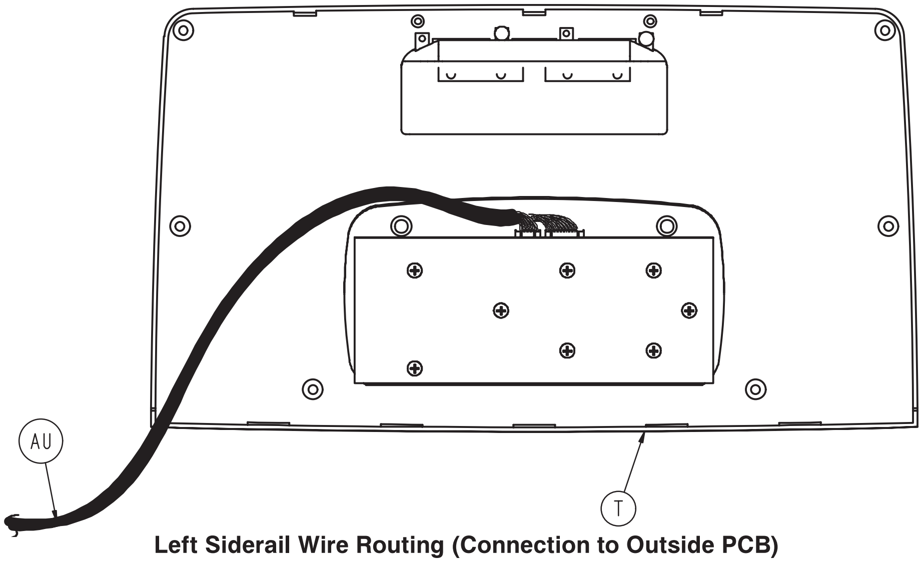
Head End Siderail Assembly


K
AU
K
L
U
AV
AU
K
K
AU
TO OUTSIDE PCB
⚠ PUSH
TO RELEASE
SIDERAIL
AV

Left Siderail Wire Routing (Connection to Main PCB)



Left Siderail Wire Routing (Connection to Outside PCB)

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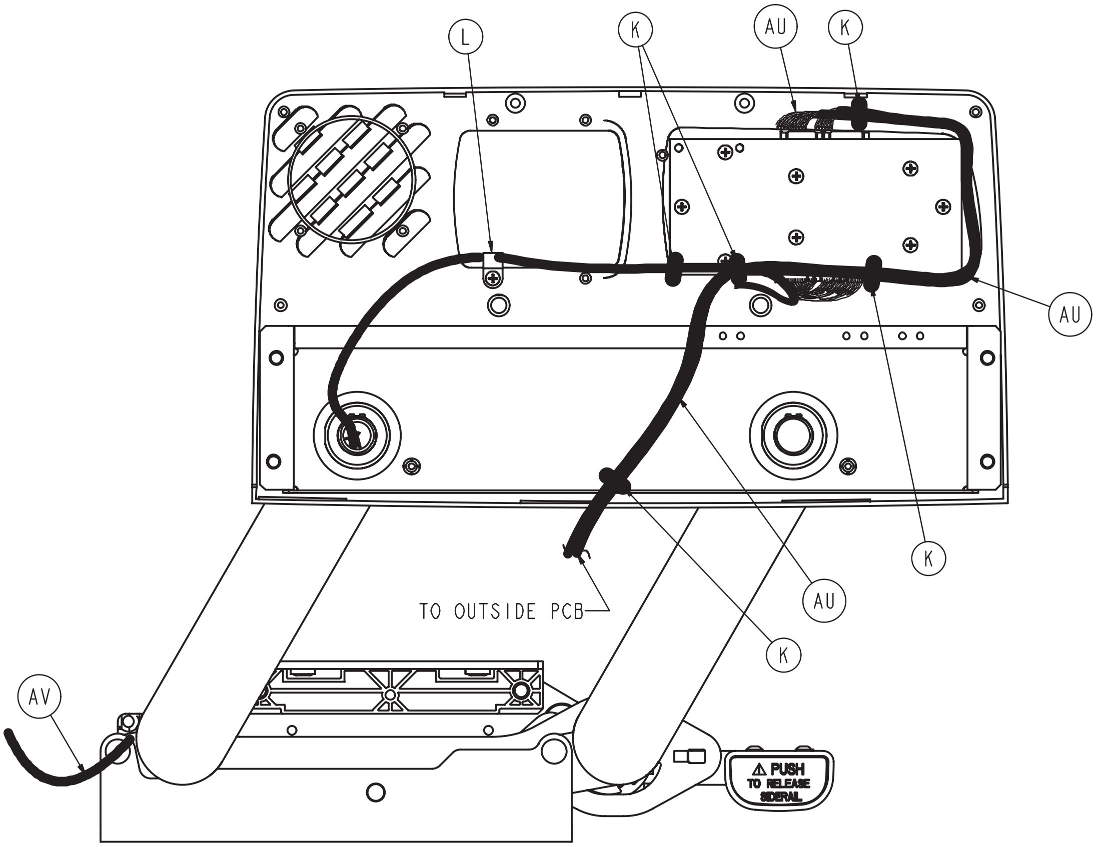
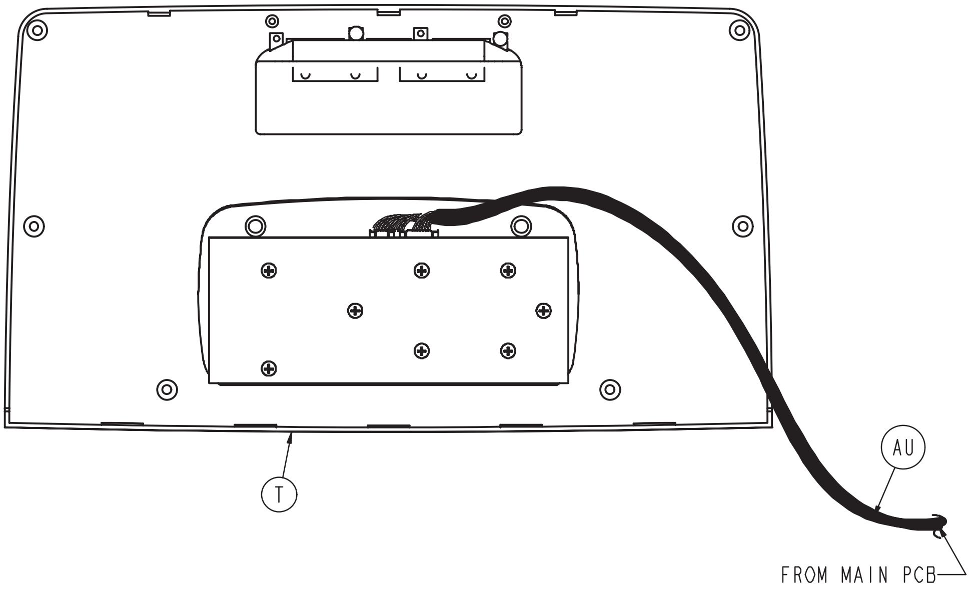

L
K
AU
K
AU
K
AU
TO OUTSIDE PCB
K
AV
⚠ PUSH
TO RELEASE
SIDERAIL

Right Siderail Wire Routing (Connection to Main PCB)


AU
T
FROM MAIN PCB

Right Siderail Wire Routing (Connection to Outside PCB)

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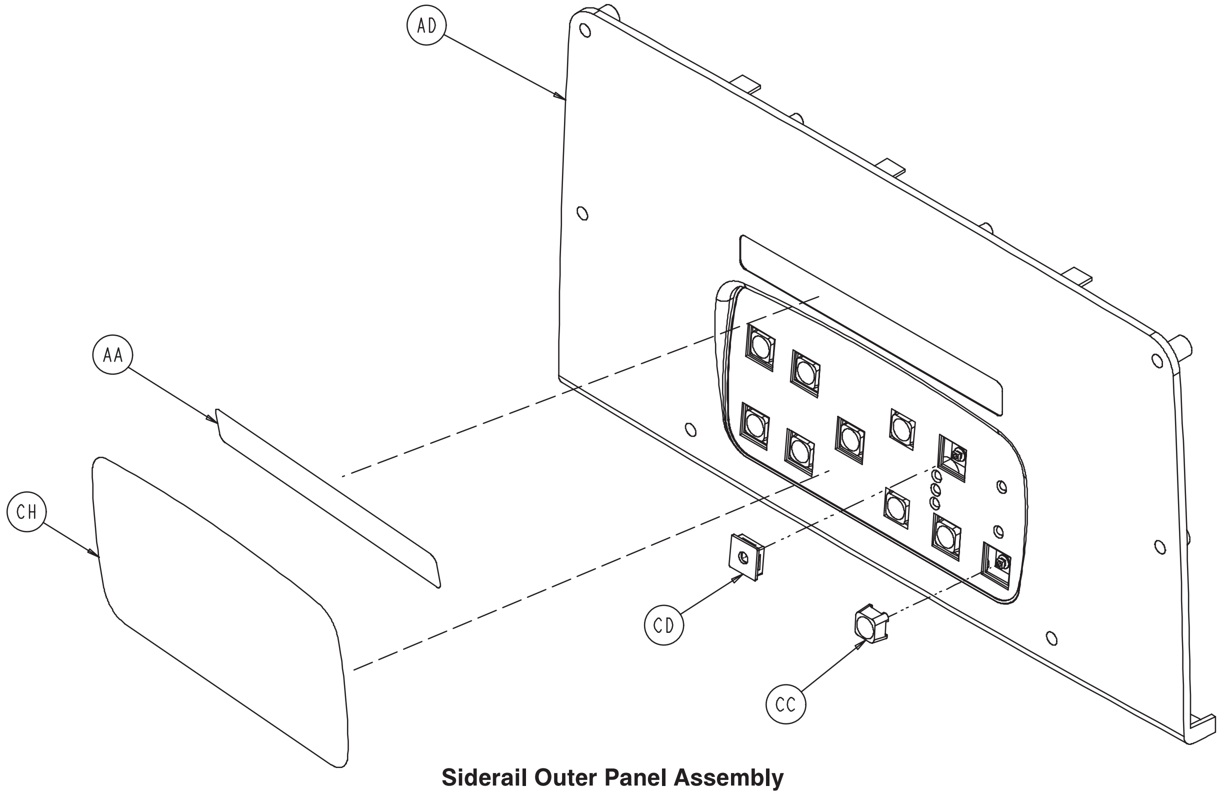
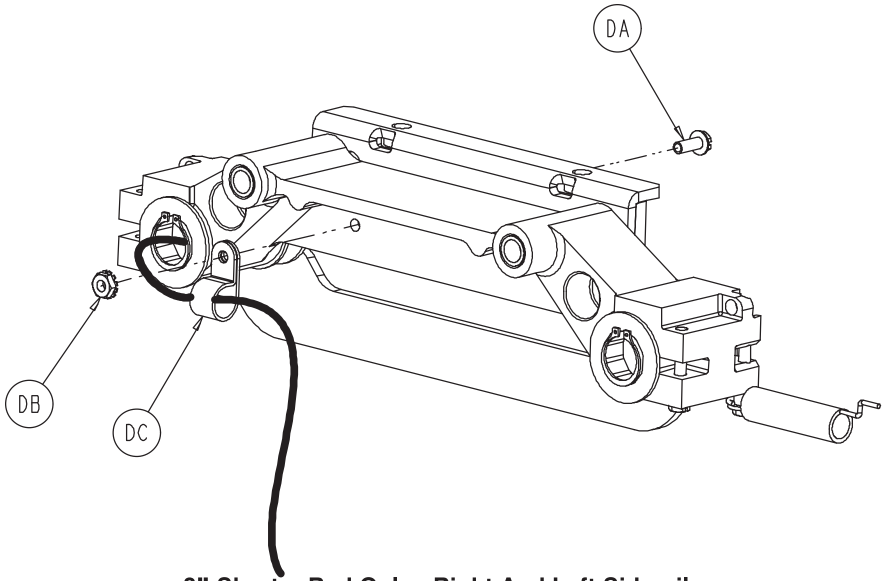
Head End Siderail Assembly


AD
AA
CH
CD
CC

Siderail Outer Panel Assembly



8” Shorter Bed Only - Right And Left Siderails

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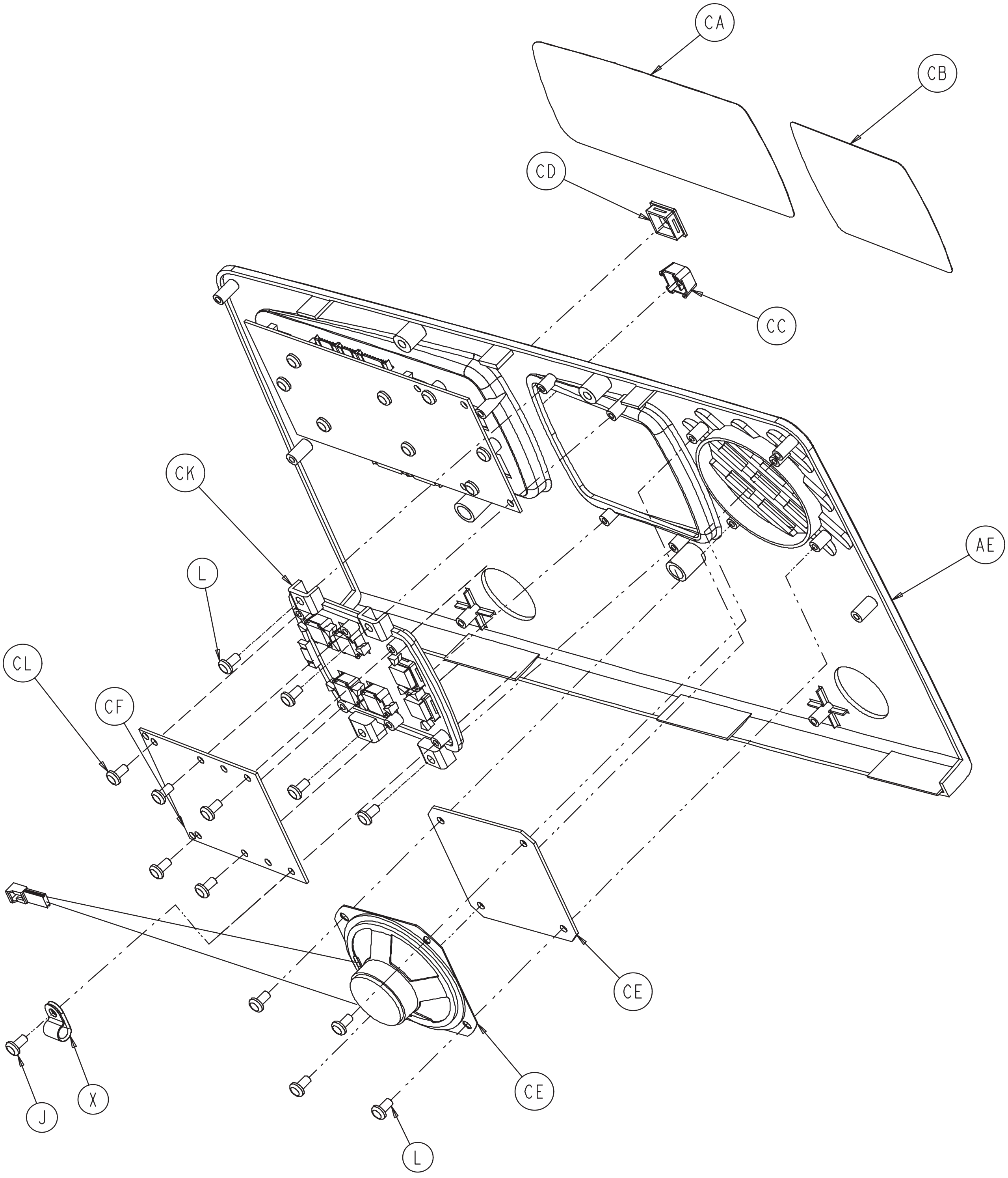
CA
CB
CD
CC
CK
AE
L
CL
CF
CE
CE
J
X
L

Siderail Inner Panel Assembly

Head End Siderail Assembly

Inside the US and Canada Only

Left Standard Components - 3003-402-105

Item	Part No.	Part Name	Qty.
A	0001-072-000	Flad Head Machine Screw	4
B	0003-226-000	Hex Washer Hd. Screw	4
C	0003-344-000	Hex Hd. Screw	2
D	0011-343-000	Shim Washer	3
E	0014-093-000	Washer	2
F	0023-090-000	High–Low Tapping Screw	8
G	0023-112-000	High–Low Tapping Screw	1
H	0028-128-000	Retaining Ring	6
J	3000-200-334	Release Lever Spring	1
K	3000-300-114	4” Cable Tie	5
L	3000-300-478	CPR Conduit Clamp	1
M	3000-400-513	Wear Bushing	2
N	3000-400-523	Panel Spacer	2
P	3000-400-556	Warning Label	1
R	3000-400-557	Sleeve Bearing	4
T	3001-400-035	Outer Siderail Panel Ass’y (pg.222)	1
U	3001-400-040	Inner Siderail Panel Ass’y (pg.223)	1
V	3003-400-130	Support Wldmt., Hd., LT	1
W	3001-400-555	Mounting Bracket	1
Y	3001-400-558	Siderail Spacer	4
AA	3001-400-564	Glide Rod	2
AB	3001-400-619	Outer Arm Cover	2
AC	3002-400-055	Release Lever Ass’y, LT (pg.235)	1
AD	3002-400-090	Ball Detent Clip Ass’y (pg.237)	1
AE	3002-400-505	Bypass Pin	1
AF	3002-400-509	Bypass Spacer Bushing	1
AG	3002-400-511	Glide Rod Bumper Pad	2
AH	3002-400-512	Bumper Washer	2
AJ	3002-400-513	Pivot Bushing	6
AK	3003-402-517	Foot Rail Tuck Spring	1
AL	3002-400-519	Latch Bushing	1
AM	3002-400-528	Siderail Carrier	1
AN	3003-405-005	Timing Link Ass’y, Hd., LT (pg.224)	1
AP	3003-400-070	Latch Ass’y, Hd., LT (pg.226)	1
AR	3003-400-515	Head Rail	2
AT	5000-020-005	Inner Arm Cover	1
AU	3001-400-802	Main Outside Cable, LT	1
AV	3001-400-862	Siderail Cable	1
AW	3003-402-114	Spring Attachment Pin	1

Right Standard Components - 3003-402-205

Item	Part No.	Part Name	Qty.
A	0001-072-000	Flad Head Machine Screw	4
B	0003-226-000	Hex Washer Hd. Screw	4
C	0003-344-000	Hex Hd. Screw	2
D	0011-343-000	Shim Washer	3
E	0014-093-000	Washer	2
F	0023-090-000	High-Low Tapping Screw	8
G	0023-112-000	High-Low Tapping Screw	1
H	0028-128-000	Retaining Ring	6
J	3000-200-334	Release Lever Spring	1
K	3000-300-114	4” Cable Tie	5
L	3000-300-478	CPR Conduit Clamp	1
M	3000-400-513	Wear Bushing	2
N	3000-400-523	Panel Spacer	2
P	3000-400-556	Warning Label	1
R	3000-400-557	Sleeve Bearing	4
T	3001-400-035	Outer Siderail Panel Ass’y (pg.222)	1
U	3001-400-045	Inner Siderail Panel Ass’y (pg.223)	1
V	3003-400-230	Support Weldment, Hd., RH	1
W	3001-400-555	Mounting Bracket	1
Y	3001-400-558	Siderail Spacer	4
AA	3001-400-564	Glide Rod	2
AB	3001-400-619	Outer Arm Cover	2
AC	3002-400-065	Release Lever Ass’y, RH (pg.236)	1
AD	3002-400-090	Ball Detent Clip Ass’y (pg.237)	1
AE	3002-400-505	Bypass Pin	1
AF	3002-400-509	Bypass Spacer Bushing	1
AG	3002-400-511	Glide Rod Bumper Pad	2
AH	3002-400-512	Bumper Washer	2
AJ	3002-400-513	Pivot Bushing	6
AK	3003-402-517	Foot Rail Tuck Spring	1
AL	3002-400-519	Latch Bushing	1
AM	3002-400-528	Siderail Carrier	1
AN	3003-402-010	Timing Link Ass’y, Hd., RH Pg.225)	1
AP	3003-400-075	Latch Ass’y, Hd., RH (pg.227)	1
AR	5003-400-515	Head Rail	2
AT	5000-020-005	Inner Arm Cover	1
AU	3001-400-801	Main Outside Cable, RH	1
AV	3001-400-862	Siderail Cable	1
AW	3003-402-114	Spring Attachment Pin	1

Left Rail - 8” Shorter Bed - 3002-442-106

Item	Part No.	Part Name	Qty.
DA	0003-124-000	Hex Washer Hd. Screw	1
DB	0016-041-000	Kep Nut	1
DC	0034-022-000	Cable Clamp	1
AV	3001-442-862	Siderail Cable	1

Right Rail - 8” Shorter Bed - 3002-442-206

Item	Part No.	Part Name	Qty.
DA	0003-124-000	Hex Washer Hd. Screw	1
DB	0016-041-000	Kep Nut	1
DC	0034-022-000	Cable Clamp	1
AV	3001-442-862	Siderail Cable	1

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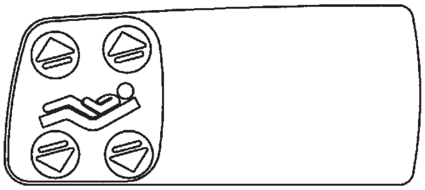
Head End Siderail Assembly

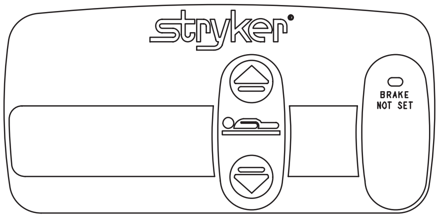
Standard Siderail - 3002-999-001

Item	Part No.	Part Name	Qty.
CA	3002-400-620	Standard Label, Inner, Left	1
CA	3002-400-610	Standard Label, Inner, Right	1
CC	3001-400-953	Switch Cap	12
CD	3001-400-522	Filler Cap	28
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-630	Blue Standard Label, Outer, Left	1
CH	3002-400-640	Blue Standard Label, Outer, Right	1

Inner Right Siderail Label



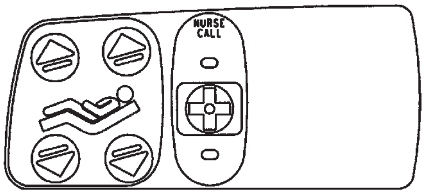
Outer Right Siderail Label



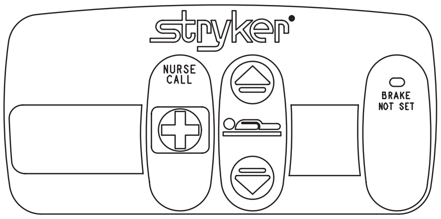
Standard Siderail with Nurse Call - 3002-999-002

Item	Part No.	Part Name	Qty.
CA	3002-400-621	Nurse Call Label, Inner, Left	1
CA	3002-400-611	Nurse Call Label, Inner, Right	1
CC	3001-400-953	Switch Cap	16
CD	3001-400-522	Filler Cap	24
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-631	Blue Nurse Call Label, Outer, Left	1
CH	3002-400-641	Blue Nurse Call Label, Outer, Right	1

Inner Right Siderail Label



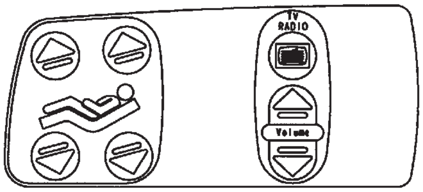
Outer Right Siderail Label



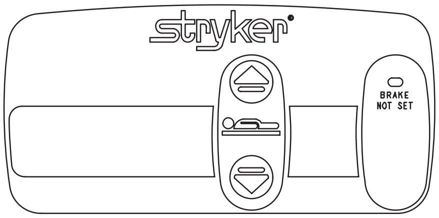
Standard Siderail with TV/Radio - 3002-999-018

Item	Part No.	Part Name	Qty.
CA	3002-400-626	TV Label, Inner, Left	1
CA	3002-400-616	TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	18
CD	3001-400-522	Filler Cap	22
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-630	Blue Standard Label, Outer, Left	1
CH	3002-400-640	Blue Standard Label, Outer, Right	1

Inner Right Siderail Label



Outer Right Siderail Label



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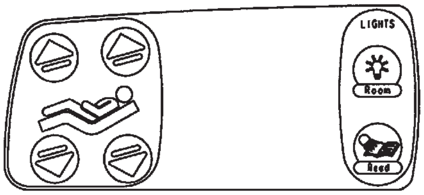
Head End Siderail Assembly

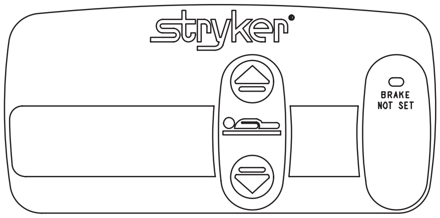
Standard Siderail with Lights - 3002–999–029

Item	Part No.	Part Name	Qty.
CA	3002-400-627	Lights Label, Inner, Left	1
CA	3002-400-617	Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	16
CD	3001-400-522	Filler Cap	24
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-630	Blue Standard Label, Outer, Left	1
CH	3002-400-640	Blue Standard Label, Outer, Right	1

Inner Right Siderail Label



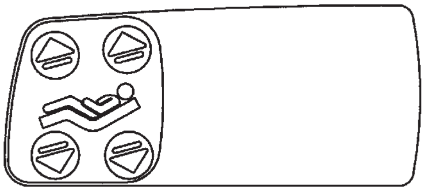
Outer Right Siderail Label



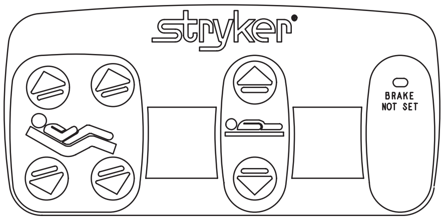
Standard Siderail with Gatch/Fowler - 3002–999–032

Item	Part No.	Part Name	Qty.
CA	3002-400-620	Standard Label Inner, Left	1
CA	3002-400-610	Standard Label, Inner, Right	1
CC	3001-400-953	Switch Cap	20
CD	3001-400-522	Filler Cap	20
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-636	Blue G/F Label, Outer, Left	1
CH	3002-400-646	Blue G/F Label, Outer, Right	1

Inner Right Siderail Label



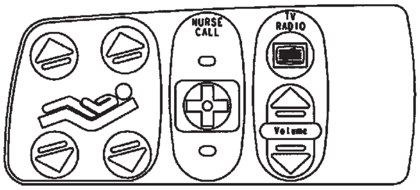
Outer Right Siderail Label



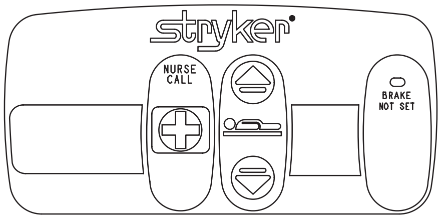
Standard Siderail w/Nurse Call & TV/Radio - 3002–999–003

Item	Part No.	Part Name	Qty.
CA	3002-400-622	NC, TV Label, Inner, Left	1
CA	3002-400-612	NC, TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	22
CD	3001-400-522	Filler Cap	18
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-631	Blue Nurse Call Label, Outer, Left	1
CH	3002-400-641	Blue Nurse Call Label, Outer, Right	1

Inner Right Siderail Label



Outer Right Siderail Label



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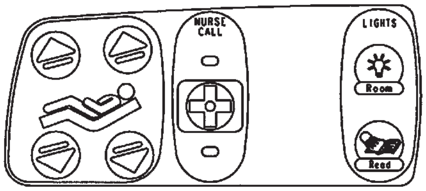
Head End Siderail Assembly

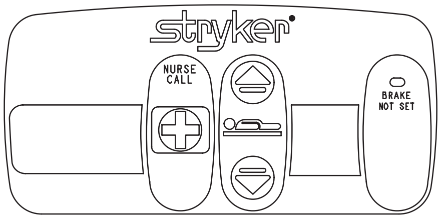
Standard Siderail w/Nurse Call & Lights - 3002-999-011

Item	Part No.	Part Name	Qty.
CA	3002-400-625	NC, Lights Label, Inner, Left	1
CA	3002-400-615	NC, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	20
CD	3001-400-522	Filler Cap	20
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-631	Blue NC Label, Outer, Left	1
CH	3002-400-641	Blue NC Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
LIGHTS
Room
Read

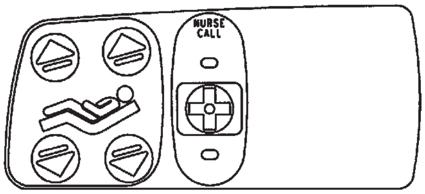
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

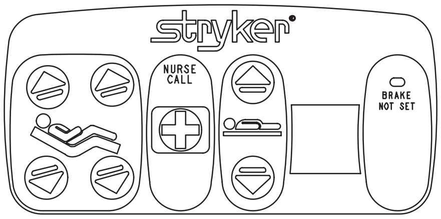
Standard Siderail with Nurse Call & Gatch/Fowler - 3002-999-017

Item	Part No.	Part Name	Qty.
CA	3002-400-621	Nurse Call Label, Inner, Left	1
CA	3002-400-611	Nurse Call Label, Inner, Right	1
CC	3001-400-953	Switch Cap	24
CD	3001-400-522	Filler Cap	16
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-632	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-642	Blue NC, G/F Label, Outer, Right	1

Inner Right Siderail Label



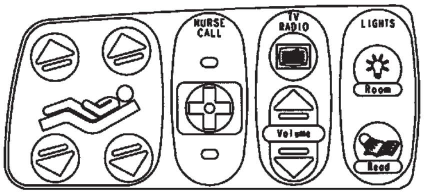
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

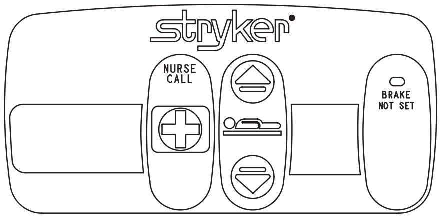
Standard Siderail with Nurse Call, TV/ Radio & Lights - 3002-999-004

Item	Part No.	Part Name	Qty.
CA	3002-400-623	NC, TV, Lights Label, Inner, Left	1
CA	3002-400-613	NC, TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	26
CD	3001-400-522	Filler Cap	14
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-631	Blue Nurse Call Label, Outer, Left	1
CH	3002-400-641	Blue Nurse Call Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
Volume
LIGHTS
Room
Read

Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

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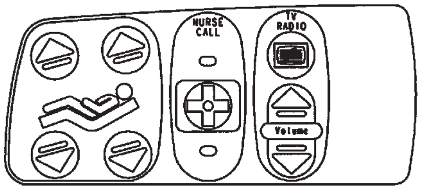
Head End Siderail Assembly

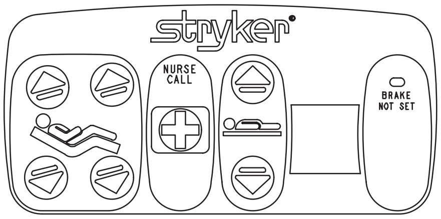
Standard Siderail w/Nurse Call, TV/ Radio, & G/F - 3002-999-010

Item	Part No.	Part Name	Qty.
CA	3002-400-622	NC, TV Label, Inner, Left	1
CA	3002-400-612	NC, TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	30
CD	3001-400-522	Filler Cap	10
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-632	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-642	Blue NC, G/F Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
Volume

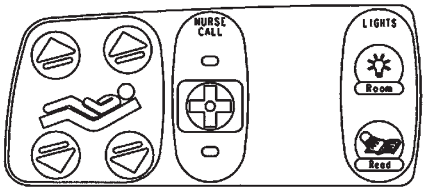
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

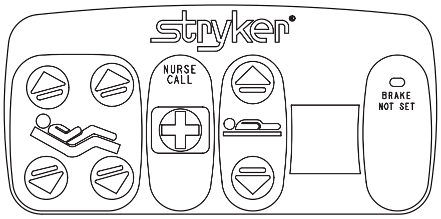
Standard Siderail with Nurse Call, Lights, and G/F - 3002-999-014

Item	Part No.	Part Name	Qty.
CA	3002-400-625	NC, Lights Label Inner, Left	1
CA	3002-400-615	NC, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	28
CD	3001-400-522	Filler Cap	12
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-632	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-642	Blue NC, G/F Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
LIGHTS
Room
Read

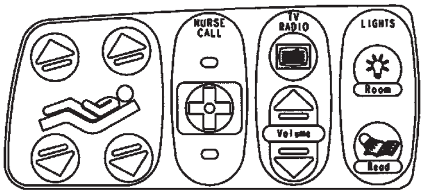
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

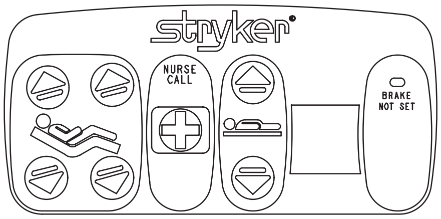
Standard Siderail w/Nurse Call, TV/ Radio, Lights, & G/F - 3002-999-007

Item	Part No.	Part Name	Qty.
CA	3002-400-623	NC, TV, Lights Label, Inner, Left	1
CA	3002-400-613	NC, TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	34
CD	3001-400-522	Filler Cap	6
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-632	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-642	Blue NC, G/F Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
LIGHTS
Volume
Room
Read

Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

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Head End Siderail Assembly

Standard Siderail w/Nurse Call, TV/ Radio, Lights, & G/F - 3002-999-007

Item	Part No.	Part Name	Qty.
CA	3002-400-623	NC, TV, Lights Label, Inner, Left	1
CA	3002-400-613	NC, TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	34
CD	3001-400-522	Filler Cap	6
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-632	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-642	Blue NC, G/F Label, Outer, Right	1

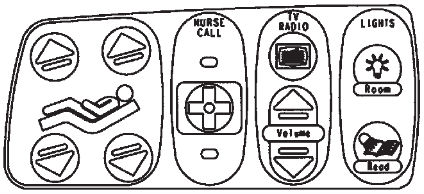
Standard Siderail with TV/Radio & Lights - 3002-999-019

Item	Part No.	Part Name	Qty.
CA	3002-400-624	TV, Lights Label, Inner, Left	1
CA	3002-400-614	TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	26
CD	3001-400-522	Filler Cap	14
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-630	Blue Standard Label, Outer, Left	1
CH	3002-400-640	Blue Standard Label, Outer, Right	1

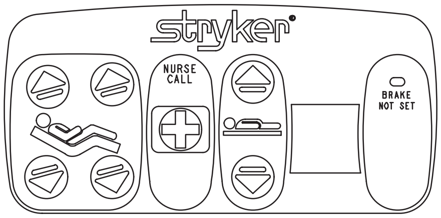
Standard Siderail with TV/Radio and G/F - 3002-999-025

Item	Part No.	Part Name	Qty.
CA	3002-400-626	TV Label, Inner, Left	1
CA	3002-400-616	TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	26
CD	3001-400-522	Filler Cap	14
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-636	Blue G/F Label, Outer, Left	1
CH	3002-400-646	Blue G/F Label, Outer, Right	1

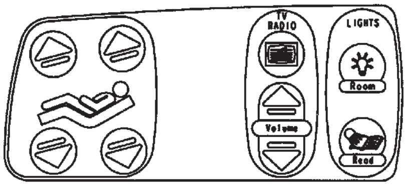
Inner Right Siderail Label


NURSE CALL
TV RADIO
LIGHTS
Room
Volume
Read

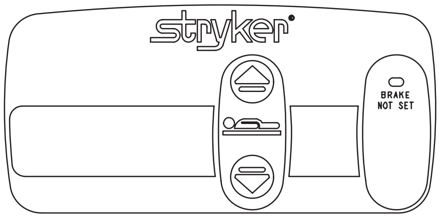
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET

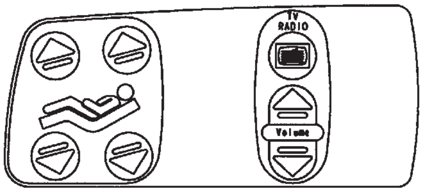
Inner Right Siderail Label


TV RADIO
LIGHTS
Room
Volume
Read

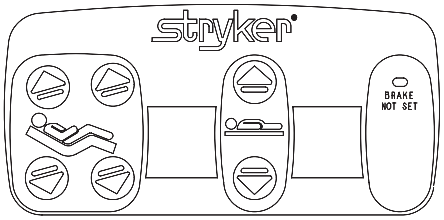
Outer Right Siderail Label


stryker
BRAKE NOT SET

Inner Right Siderail Label


TV RADIO
Volume

Outer Right Siderail Label


stryker
BRAKE NOT SET

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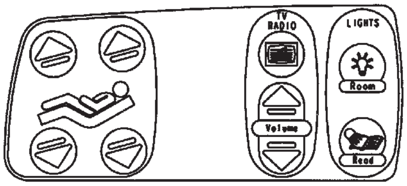
Head End Siderail Assembly

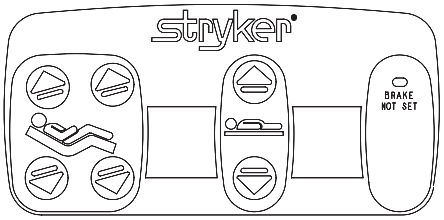
Standard Siderail with TV/Radio, Lights, and G/F - 3002-999-022

Item	Part No.	Part Name	Qty.
CA	3002-400-624	TV, Lights Label, Inner, Left	1
CA	3002-400-614	TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	30
CD	3001-400-522	Filler Cap	10
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-636	Blue G/F Label, Outer, Left	1
CH	3002-400-646	Blue G/F Label, Outer, Right	1

Inner Right Siderail Label



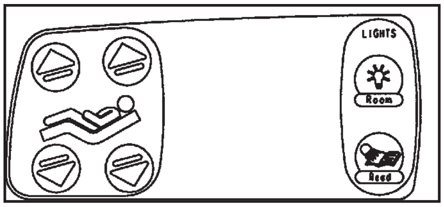
Outer Right Siderail Label



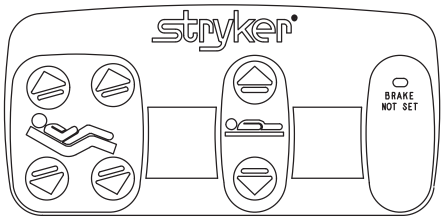
Standard Siderail with Lights and Gatch/Fowler - 3002-999-028

Item	Part No.	Part Name	Qty.
CA	3002-400-627	Lights Label, Inner, Left	1
CA	3002-400-617	Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	24
CD	3001-400-522	Filler Cap	16
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-636	Blue G/F Label, Outer, Left	1
CH	3002-400-646	Blue G/F Label, Outer, Right	1

Inner Right Siderail Label



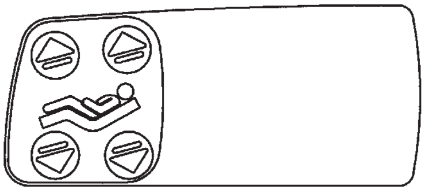
Outer Right Siderail Label



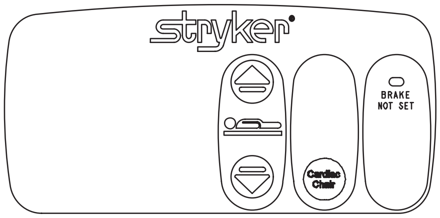
Standard Siderail with Cardiac Chair - 3002-999-030

Item	Part No.	Part Name	Qty.
CA	3002-400-620	Standard Label, Inner, Left	1
CA	3002-400-610	Standard Label, Inner, Right	1
CC	3001-400-953	Switch Cap	14
CD	3001-400-522	Filler Cap	26
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-637	Blue CC Label, Outer, Left	1
CH	3002-400-647	Blue CC Label, Outer, Right	1

Inner Right Siderail Label



Outer Right Siderail Label



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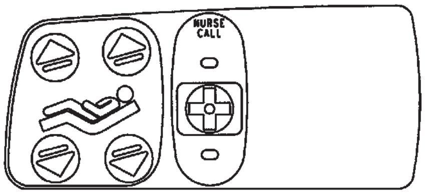
Head End Sderail Assembly

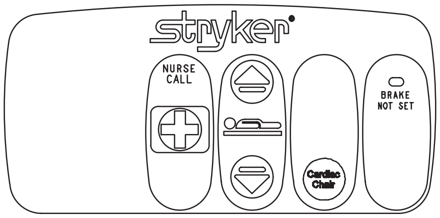
Standard Siderail with Cardiac Chair and Nurse Call - 3002-999-015

Item	Part No.	Part Name	Qty.
CA	3002-400-621	Nurse Call Label, Inner, Left	1
CA	3002-400-611	Nurse Call Label, Inner, Right	1
CC	3001-400-953	Switch Cap	18
CD	3001-400-522	Filler Cap	22
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-635	Blue CC & N/C Label, Outer, Left	1
CH	3002-400-645	Blue CC & N/C Label, Outer, Right	1

Inner Right Siderail Label



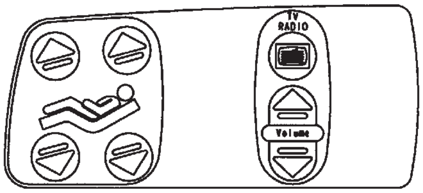
Outer Righr Siderail Labal


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

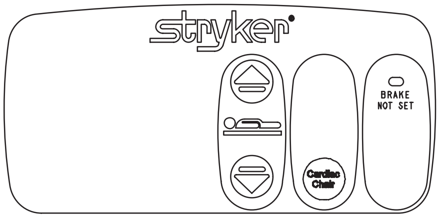
Standard Siderail with Cardiac Chair and TV/Radio - 3002-999-024

Item	Part No.	Part Name	Qty.
CA	3002-400-626	TV Label, Inner, Left	1
CA	3002-400-616	TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	18
CD	3001-400-522	Filler Cap	22
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-637	Blue CC, TV Label, Outer, Left	1
CH	3002-400-647	Blue CC Label, Outer, Right	1

Inner Right Siderail Label


TV RADIO
Volume

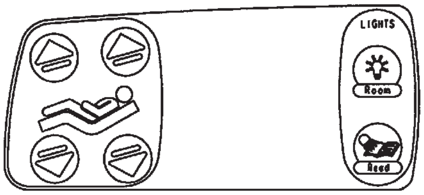
Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

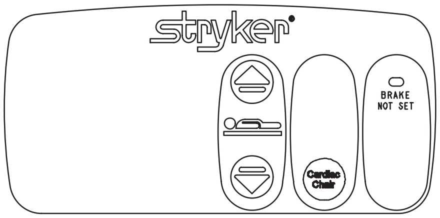
Standard Siderail with Cardiac Chair and Lights - 3002-999-026

Item	Part No.	Part Name	Qty.
CA	3002-400-627	Lights Label, Inner, Left	1
CA	3002-400-617	Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	18
CD	3001-400-522	Filler Cap	22
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-637	Blue CC Label, Outer, Left	1
CH	3002-400-647	Blue CC Label, Outer, Right	1

Inner Right Siderail Label


LIGHTS
Room
Read

Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

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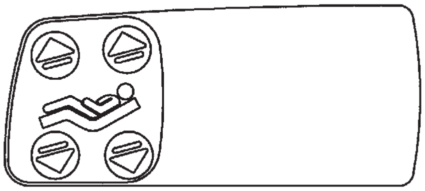
Head End Siderail Assembly

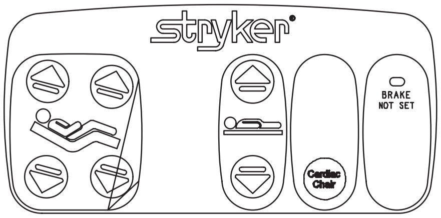
Standard Siderail with Cardiac Chair and Gatch/Fowler - 3002–999–031

Item	Part No.	Part Name	Qty.
CA	3002–400–620	Standard Label Inner, Left	1
CA	3002–400–610	Standard Label, Inner, Right	1
CC	3001–400–953	Switch Cap	22
CD	3001–400–522	Filler Cap	18
CE	3001–400–517	Speaker Seal	2
CF	3001–400–535	Blank Module	2
CH	3002–400–634	Blue CC, G/F Label, Outer, Left	1
CH	3002–400–644	Blue CC, G/F Label, Outer, Right	1

Inner Right Siderail Label



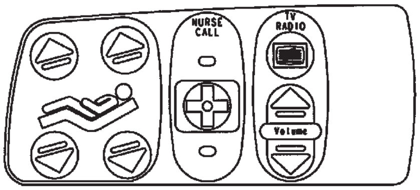
Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

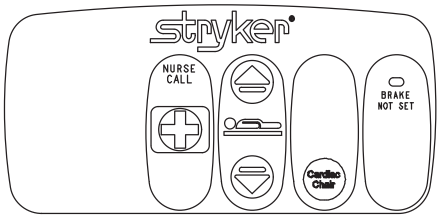
Standard Siderail with Cardiac Chair, N/C and TV/Radio - 3002–999–009

Item	Part No.	Part Name	Qty.
CA	3002–400–622	NC, TV Label, Inner, Left	1
CA	3002–400–612	NC, TV Label, Inner, Right	1
CC	3001–400–953	Switch Cap	24
CD	3001–400–522	Filler Cap	16
CE	3001–403–831	Speaker With Cable	2
CF	3001–400–535	Blank Module	2
CH	3002–400–635	Blue CC & N/C Label, Outer, Left	1
CH	3002–400–645	Blue CC & N/C Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
Volume

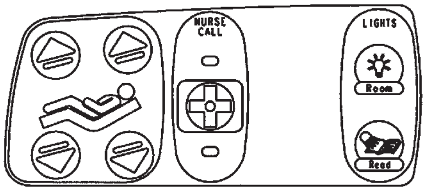
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

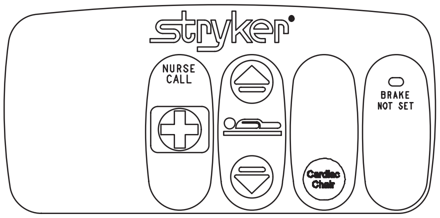
Standard Siderail with Cardiac Chair, Nurse Call & Lights - 3002–999–012

Item	Part No.	Part Name	Qty.
CA	3002–400–625	NC, Lights Label, Inner, Left	1
CA	3002–400–615	NC, Lights Label, Inner, Right	1
CC	3001–400–953	Switch Cap	22
CD	3001–400–522	Filler Cap	18
CE	3001–403–831	Speaker With Cable	2
CF	3001–400–535	Blank Module	2
CH	3002–400–635	Blue CC & N/C Label, Outer, Left	1
CH	3002–400–645	Blue CC & N/C Label, Outer, Right1	

Inner Right Siderail Label


NURSE CALL
LIGHTS
Room
Read

Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

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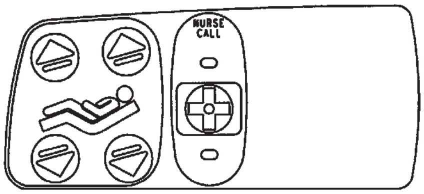
Head End Siderail Assembly

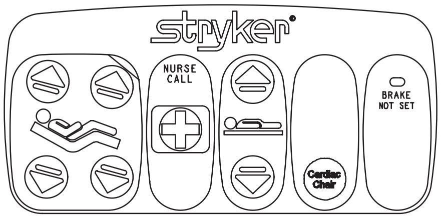
Standard Siderail with Cardiac Chair, N/C & Gatch/Fowler - 3002-999-016

Item	Part No.	Part Name	Qty.
CA	3002-400-621	Nurse Call Label, Inner, Left	1
CA	3002-400-611	Nurse Call Label, Inner, Right	1
CC	3001-400-953	Switch Cap	26
CD	3001-400-522	Filler Cap	14
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-633	Blue NC, G/F Label, Outer, Left	1
CH	3002-400-643	Blue NC, G/F Label, Outer, Right	1

Inner Right Siderail Label



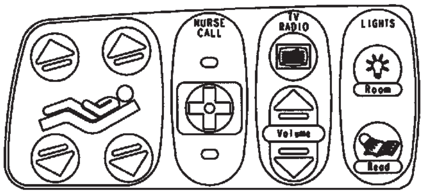
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

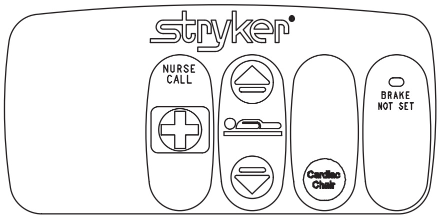
Standard Siderail with Cardiac Chair, N/C, TV/Radio & Lights - 3002-999-005

Item	Part No.	Part Name	Qty.
CA	3002-400-623	NC, TV, Lights Label, Inner, Left	1
CA	3002-400-613	NC, TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	28
CD	3001-400-522	Filler Cap	12
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-635	Blue CC & N/C Label, Outer, Left	1
CH	3002-400-645	Blue CC & N/C Label, Outer, Right	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
LIGHTS
Room
Volume
Read

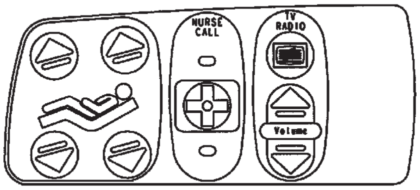
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

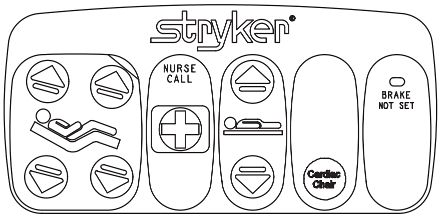
Standard Siderail w/Cardiac Chair, N/C, TV/Radio & G/F - 3002-999-008

Item	Part No.	Part Name	Qty.
CA	3002-400-622	NC, TV Label, Inner, Left	1
CA	3002-400-612	NC, TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	32
CD	3001-400-522	Filler Cap	8
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-633	Blue CC, N/C, G/F Label, Outer, Lt.	1
CH	3002-400-643	Blue CC, N/C, G/F Label, Outer, Rt.	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
Volume

Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

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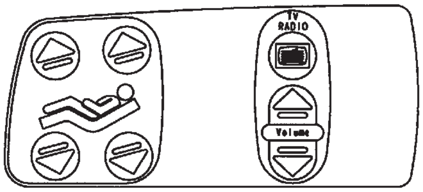
Head End Siderail Assembly

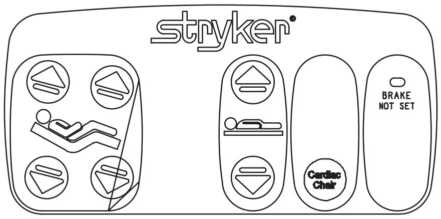
Standard Siderail with Cardiac Chair, TV/Radio & G/F - 3002-999-023

Item	Part No.	Part Name	Qty.
CA	3002-400-626	TV Label, Inner, Left	1
CA	3002-400-616	TV Label, Inner, Right	1
CC	3001-400-953	Switch Cap	28
CD	3001-400-522	Filler Cap	12
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-634	Blue CC, G/F Label, Outer, Left	1
CH	3002-400-644	Blue CC, G/F Label, Outer, Right	1

Inner Right Siderail Label


TV RADIO
Volume

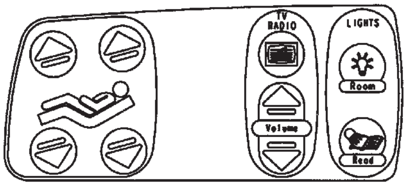
Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

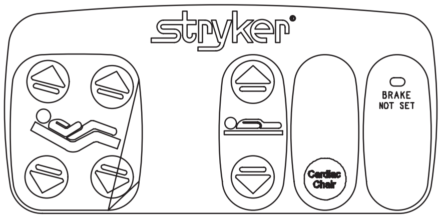
Standard Siderail with Cardiac Chair, Lights & G/F - 3002-999-027

Item	Part No.	Part Name	Qty.
CA	3002-400-627	Lights Label, Inner, Left	1
CA	3002-400-617	Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	26
CD	3001-400-522	Filler Cap	14
CE	3001-400-517	Speaker Seal	2
CF	3001-400-535	Blank Module	2
CH	3002-400-634	Blue CC, G/F Label, Outer, Left	1
CH	3002-400-644	Blue CC, G/F Label, Outer, Right	1

Inner Right Siderail Label


TV RADIO
Volume
LIGHTS
Room
Read

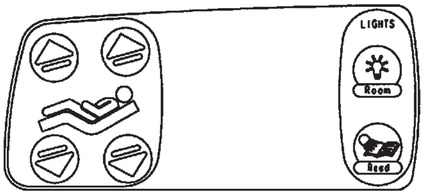
Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

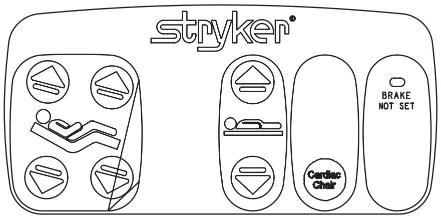
Standard Siderail w/C. Chair, TV/Radio, Lights & G/F - 3002-999-021

Item	Part No.	Part Name	Qty.
CA	3002-400-624	TV, Lights Label, Inner, Left	1
CA	3002-400-614	TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	32
CD	3001-400-522	Filler Cap	8
CE	3001-403-831	Speaker with Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-634	Blue CC, G/F Label, Outer, Left	1
CH	3002-400-644	Blue CC, G/F Label, Outer, Right	1

Inner Right Siderail Label


LIGHTS
Room
Read

Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

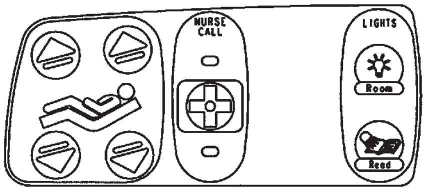
Return To Table of Contents

Head End Siderail Assembly

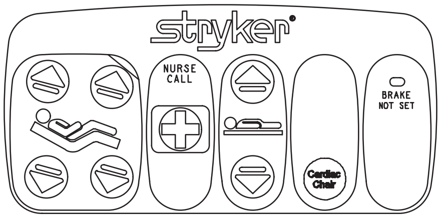
Standard Siderail with Cardiac Chair, N/C, G/F & Lights - 3002-999-013

Item	Part No.	Part Name	Qty.
CA	3002-400-625	NC, Lights Label, Inner, Left	1
CA	3002-400-615	NC, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	30
CD	3001-400-522	Filler Cap	10
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-633	Blue CC, N/C, G/F Label, Outer, Lt.	1
CH	3002-400-643	Blue CC, N/C, G/F Label, Outer, Rt.	1

Inner Right Siderail Label


NURSE CALL
LIGHTS
Room
Read

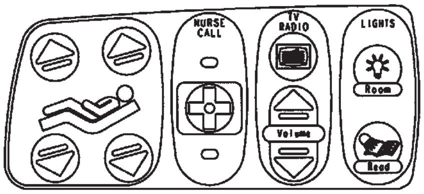
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

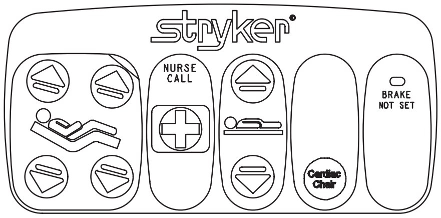
Standard Siderail w/C. Chair, N/C, TV/Radio, Lights and G/F - 3002-999-006

Item	Part No.	Part Name	Qty.
CA	3002-400-623	NC, TV, Lights Label, Inner, Left	1
CA	3002-400-613	NC, TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	36
CD	3001-400-522	Filler Cap	4
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-633	Blue CC, N/C, G/F Label, Outer, Lt.	1
CH	3002-400-643	Blue CC, N/C, G/F Label, Outer, Rt.	1

Inner Right Siderail Label


NURSE CALL
TV RADIO
LIGHTS
Room
Volume
Read

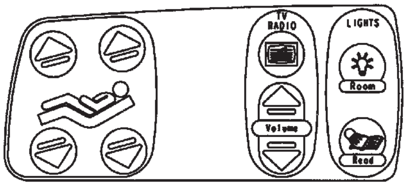
Outer Right Siderail Label


stryker
NURSE CALL
BRAKE NOT SET
Cardiac Chair

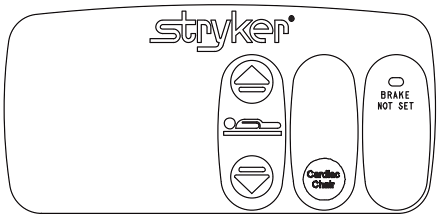
Standard Siderail with Cardiac Chair, TV/Radio and Lights - 3002-999-020

Item	Part No.	Part Name	Qty.
CA	3002-400-624	TV, Lights Label, Inner, Left	1
CA	3002-400-614	TV, Lights Label, Inner, Right	1
CC	3001-400-953	Switch Cap	24
CD	3001-400-522	Filler Cap	16
CE	3001-403-831	Speaker With Cable	2
CF	3001-400-535	Blank Module	2
CH	3002-400-633	Blue CC, N/C, G/F Label, Outer, Lt.	1
CH	3002-400-643	Blue CC, N/C, G/F Label, Outer, Rt.	1

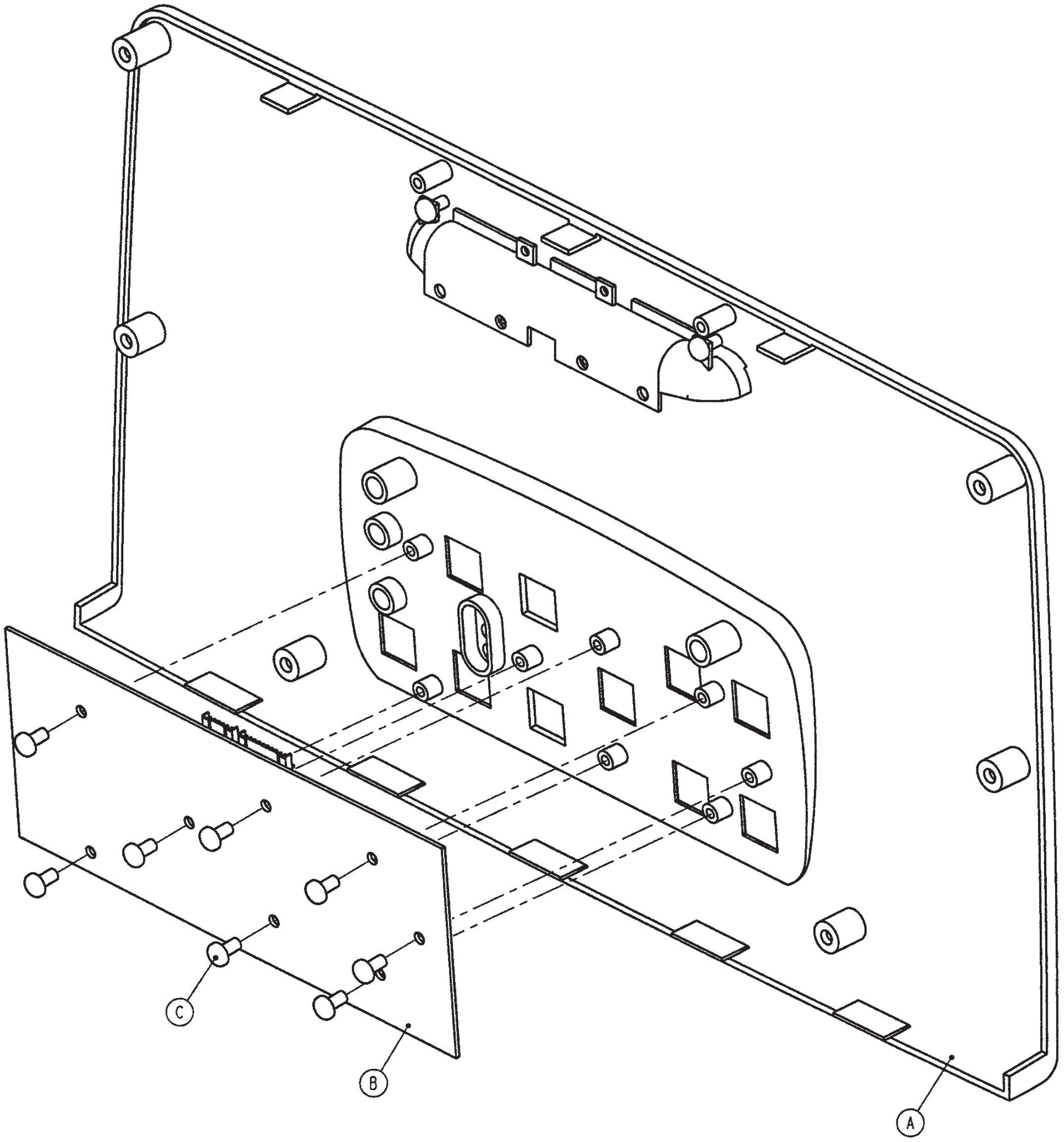
Inner Right Siderail Label


TV RADIO
LIGHTS
Room
Volume
Read

Outer Right Siderail Label


stryker
BRAKE NOT SET
Cardiac Chair

Head End Siderail Outer Panel Assembly - 3001-400-035



Item	Part No.	Part Name	Qty.
A	3001-400-050	Outer Panel Assembly	1
B	3001-400-910	Outer Siderail PCB Assembly	1
C	0023-112-000	Hi-Low Tapping Screw	8

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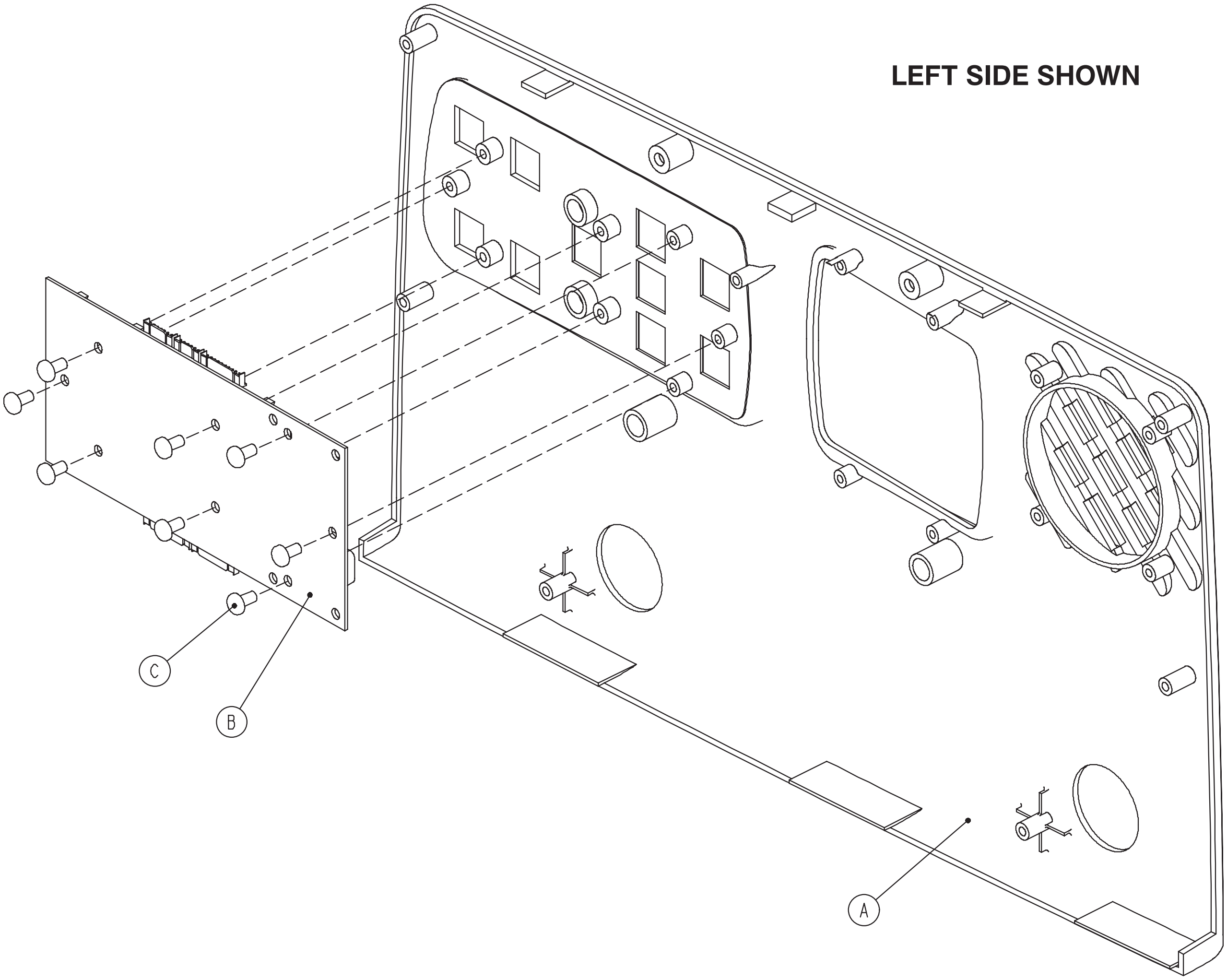
Head End Siderail Inner Panel Assembly

For Reference Only
3001-400-040 (LEFT)
3001-400-045 (RIGHT)



Item	Part No.	Part Name	Qty.
A	3001-400-101	Left Inner Panel	1
	3001-400-201	Right Inner Panel	1
B	3001-400-930	Inner Siderail PCB Assembly	1
C	0023-112-000	Hi-Low Tapping Screw	8

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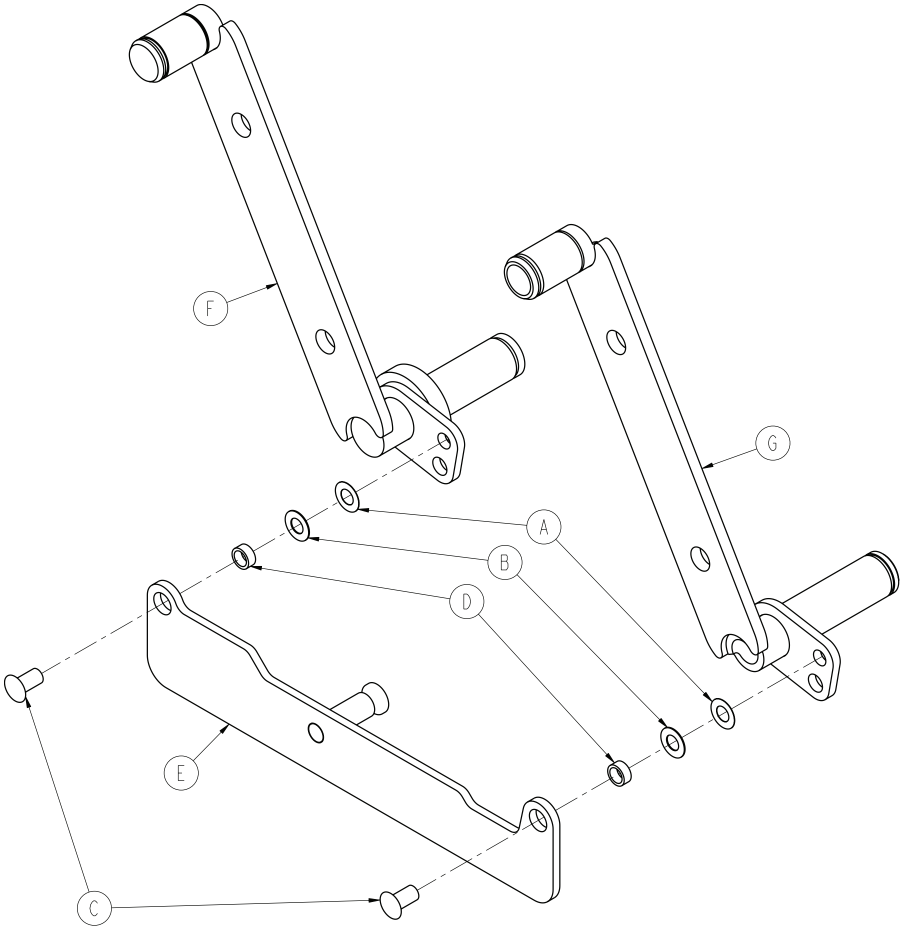
Timing Link Assembly, Head End, Left - 3003-402-005



Item	Part No.	Part Name	Qty.
A	0011-377-000	Washer	2
B	0011-491-000	Washer	2
C	3001-400-501	Siderail Linkage Rivot	2
D	3003-401-001	Bushing	2
E	3003-402-112	Timing Link	1
F	3003-402-127	Arm Weldment - LHF	1
G	3003-402-128	Arm Weldment - LHH	1

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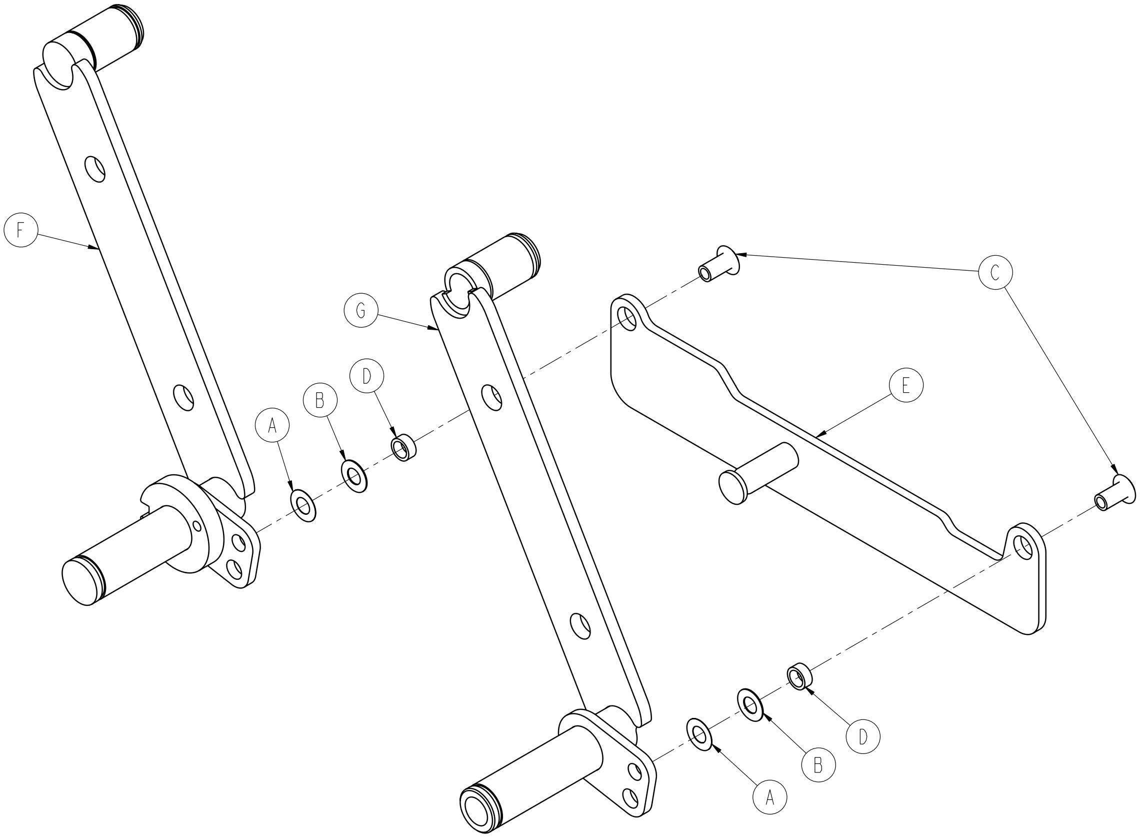
Timing Link Assembly, Head End, Right - 3003-402-010



Item	Part No.	Part Name	Qty.
A	0011-377-000	Washer	2
B	0011-491-000	Washer	2
C	3001-400-501	Siderail Linkage Rivot	2
D	3003-401-001	Bushing	2
E	3003-402-117	Timing Link	1
F	3003-402-227	Arm Weldment - LHF	1
G	3003-402-228	Arm Weldment - LHH	1

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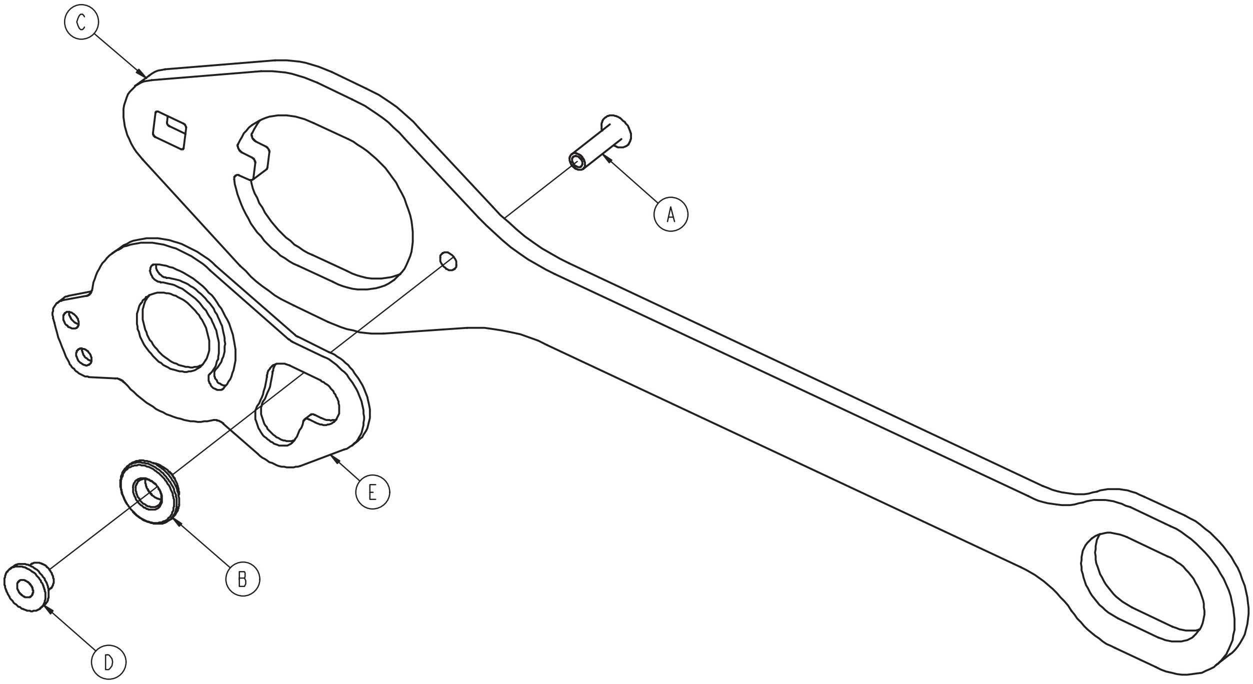
Siderail Latch Assembly, Head End, Left - 3003-400-070

Inside the US and Canada



Item	Part No.	Part Name	Qty.
A	0025-086-000	Blind Rivet	1
B	0081-317-000	Bronze Bushing	1
C	3002-400-501	Latch	1
D	3002-400-509	Bypass Bushing Spacer	1
E	3003-400-503	Head End Bypass Plate	1

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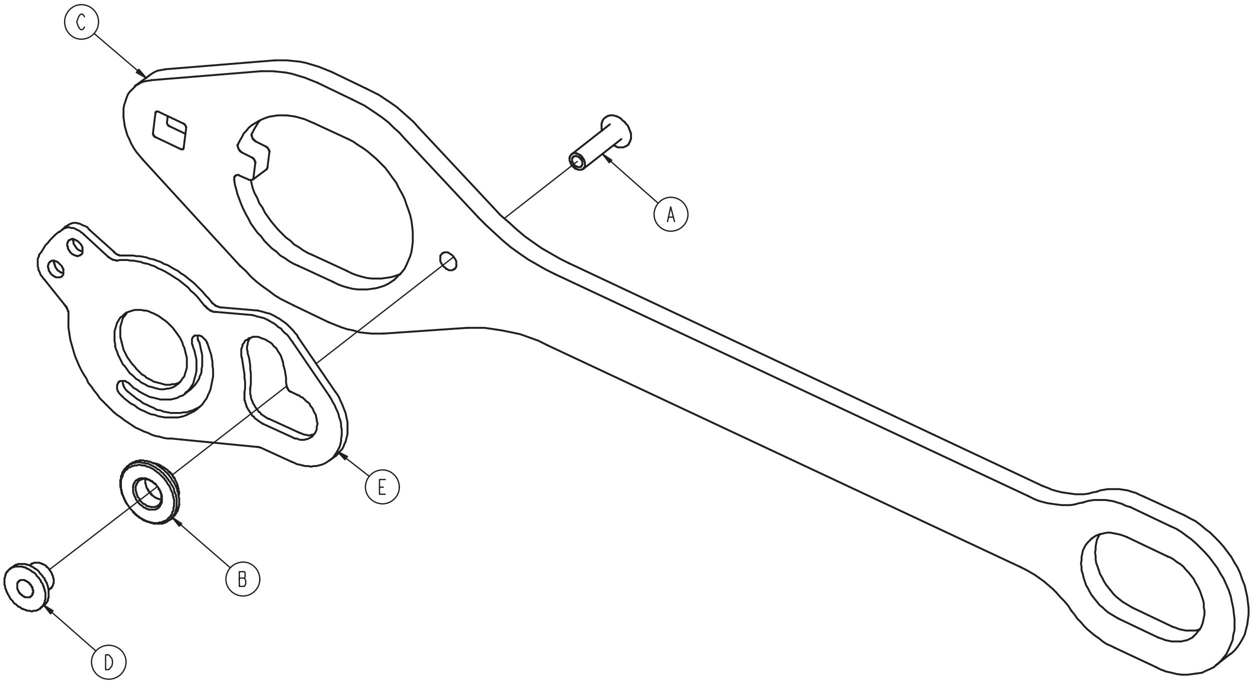
Siderail Latch Assembly, Head End, Right - 3003-400-075

Inside the US and Canada



Item	Part No.	Part Name	Qty.
A	0025-086-000	Blind Rivet	1
B	0081-317-000	Bronze Bushing	1
C	3002-400-501	Latch	1
D	3002-400-509	Bypass Bushing Spacer	1
E	3003-400-503	Head End Bypass Plate	1

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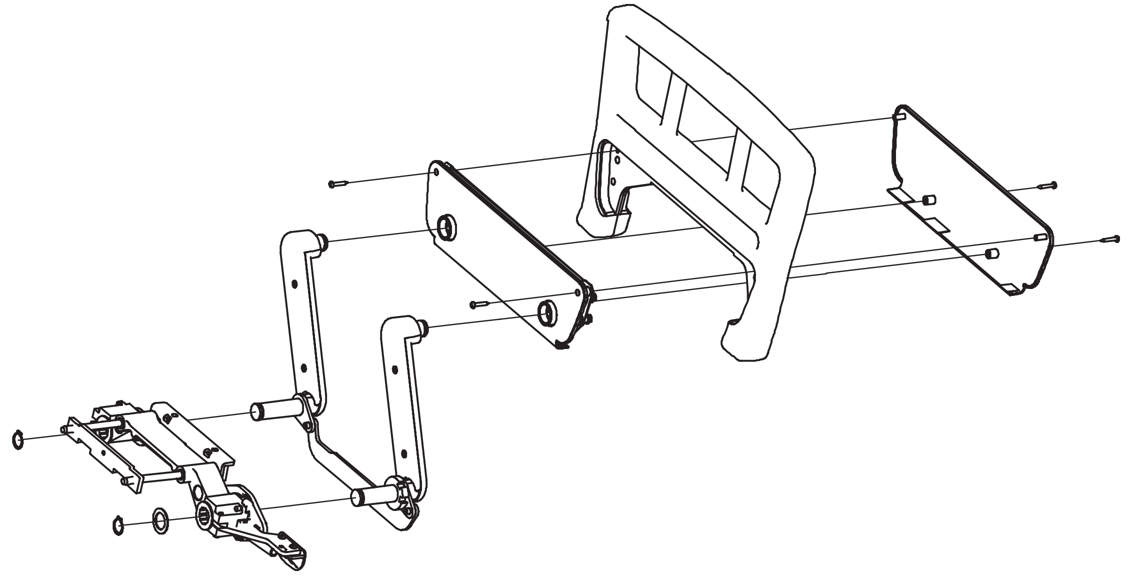
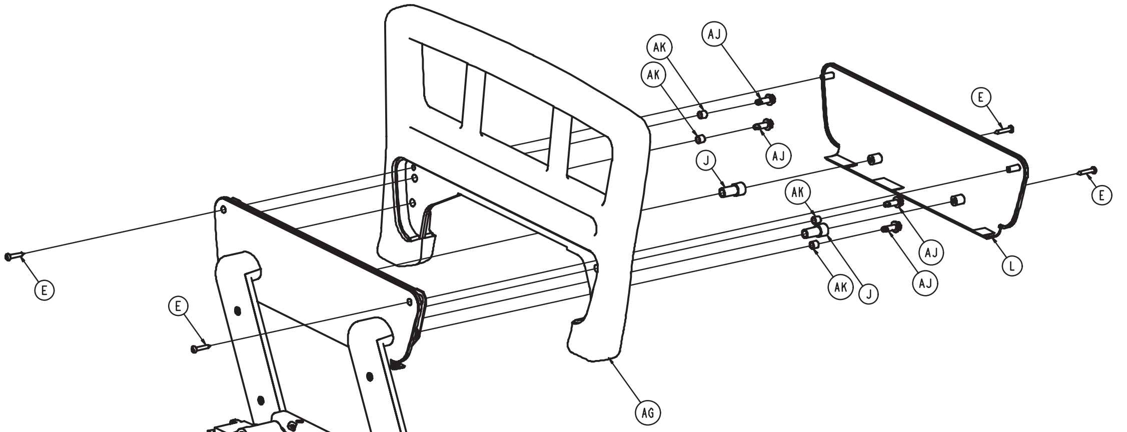
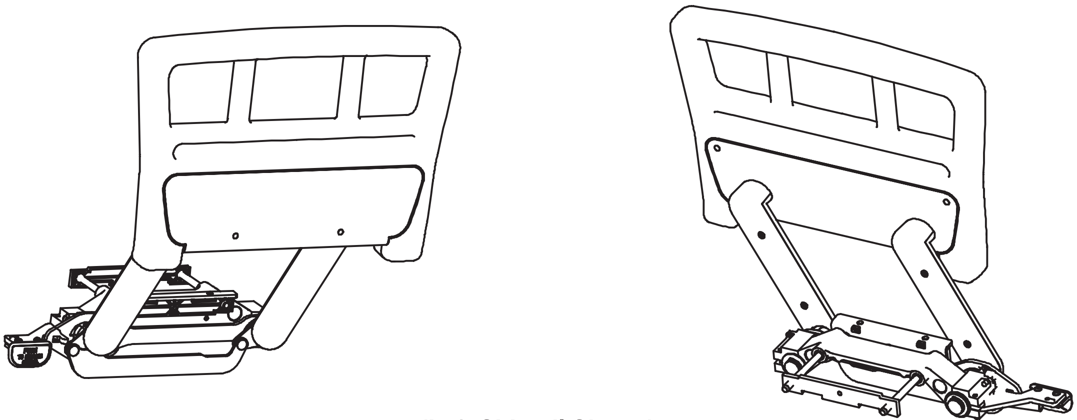
Foot End Siderail Assembly

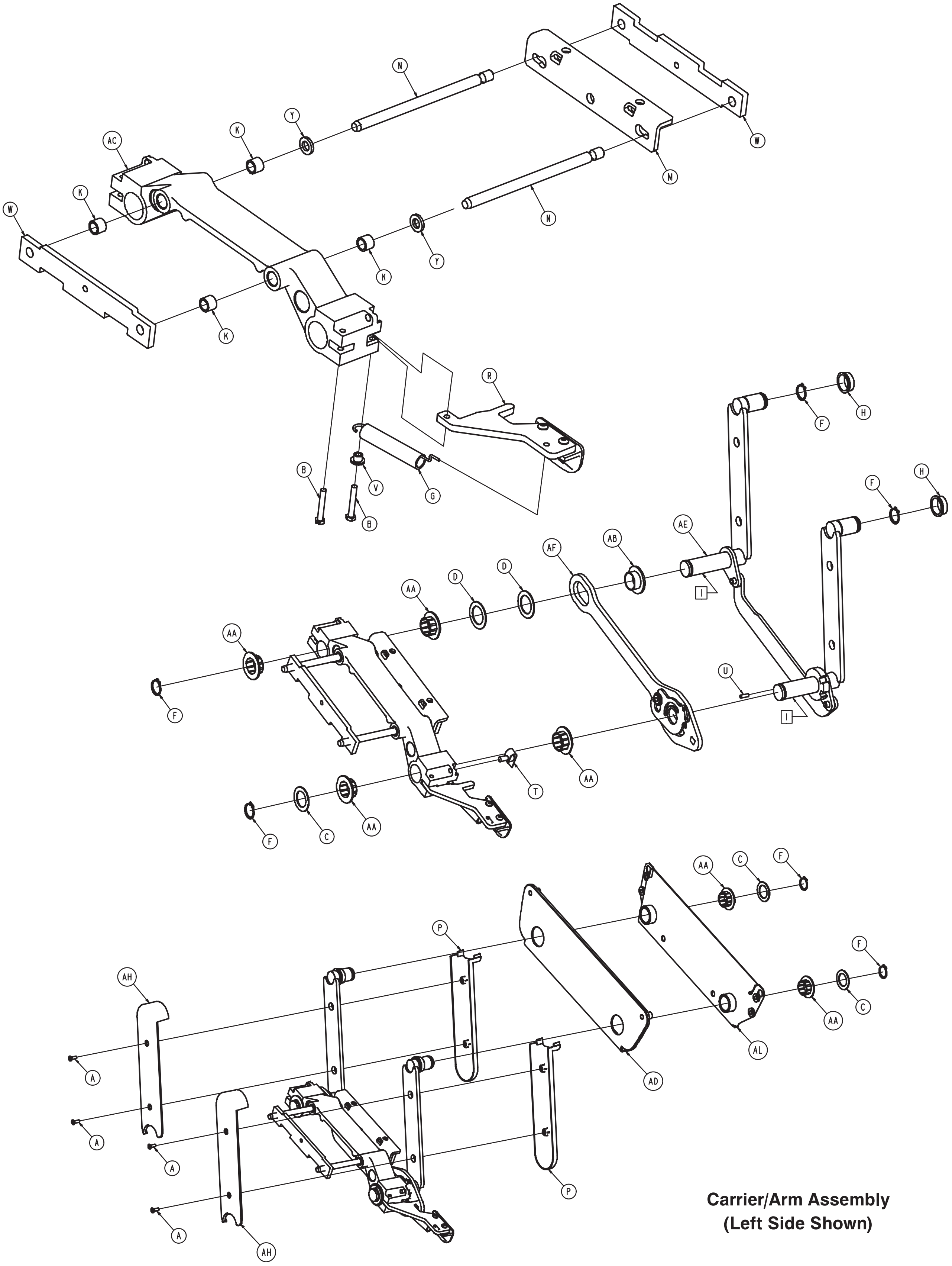



AK
AJ
AK
E
AJ
J
E
AK
AJ
L
E
AK
J
AJ
E
AG



(Left Siderail Shown)

Foot End Siderail Assembly


N
Y
K
AC
K
W
W
M
N
K
Y
K
R
H
F
B
V
G
B
F
H
AE
AB
AF
D
D
AA
I
AA
U
F
I
T
AA
AA
C
F
AA
C
F
P
F
AH
AL
AA
C
A
AD
A
A
P
A
AH

**Carrier/Arm Assembly
(Left Side Shown)**

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Foot End Siderail Assembly

Left Common Components - 3003-401-300

Item	Part No.	Part Name	Qty.
A	0001-072-000	Hex Head Machine Screw	4
B	0003-344-000	Hex Hd. Cap Screw	2
C	0011-343-000	Shim Washer	3
D	0014-093-000	Washer	2
E	0023-090-000	Pan Hd. Tapping Screw	4
F	0028-128-000	Retaining Ring	6
G	3000-200-334	Extension Spring	1
H	3000-400-513	Flange Bearing	2
J	3000-400-523	Panel Spacer	2
K	3000-400-557	Sleeve Bearing	4
L	3001-400-527	Outer Panel	1
M	3001-400-555	Mounting Bracket	1
N	3001-400-564	Glide Rod	2
P	3001-400-619	Outer Arm Cover	2
R	(page 234)	Release Lever Ass'y, LH (pg.235)	1
T	3002-400-090	Ball Dent Clip Ass'y (pg.237)	1
U	3002-400-505	Bypass Pin	1
V	3002-400-509	Bypass Bushing Spacer	1
W	3002-400-511	Glide Rod Bumper Pad	2
Y	3002-400-512	Washer	2
AA	3002-400-513	Pivot Bushing	6
AB	3002-400-519	Delrin Latch Bushing	1
AC	3002-400-528	Carrier, Siderail	1
AD	3003-400-526	Inner Panel	1
AE	3003-401-020	Timing Link Ass'y, LH (pg.231)	1
AF	3003-401-085	Latch Ass'y, LH (pg.233)	1
AG	3003-400-520	Foot Rail	1
AH	5000-020-005	Inner Arm Cover	2
AJ	0003-226-000	Hex Washer Head Screw	4
AK	3001-400-558	Spacer	4
AL	3003-400-580	Support Plate Weldment	1

Right Common Components - 3003-401-400

Item	Part No.	Part Name	Qty.
A	0001-072-000	Hex Head Machine Screw	4
B	0003-344-000	Hex Hd. Cap Screw	2
C	0011-343-000	Shim Washer	3
D	0014-093-000	Washer	2
E	0023-090-000	Pan Hd. Tapping Screw	4
F	0028-128-000	Retaining Ring	6
G	3000-200-334	Extension Spring	1
H	3000-400-513	Flange Bearing	2
J	3000-400-523	Panel Spacer	2
K	3000-400-557	Sleeve Bearing	4
L	3001-400-527	Outer Panel	1
M	3001-400-555	Mounting Bracket	1
N	3001-400-564	Glide Rod	2
P	3001-400-619	Outer Arm Cover	2
R	3002-400-065	Release Lever Ass'y, RH. (pg.236)	1
T	3002-400-090	Ball Dent Clip Ass'y (pg.237)	1
U	3002-400-505	Bypass Pin	1
V	3002-400-509	Bypass Bushing Spacer	1
W	3002-400-511	Glide Rod Bumper Pad	2
Y	3002-400-512	Washer	2
AA	3002-400-513	Pivot Bushing	6
AB	3002-400-519	Delrin Latch Bushing	1
AC	3002-400-528	Carrier, Siderail	1
AD	3003-400-526	Inner Panel	1
AE	3003-401-015	Timing Link Ass'y, RH (pg.232)	1
AF	3003-401-080	Latch Ass'y, RH (pg.234)	1
AG	3003-400-520	Foot Rail	1
AH	5000-020-005	Inner Arm Cover	2
AJ	0003-226-000	Hex Washer Head Screw	4
AK	3001-400-558	Spacer	4
AL	3003-400-580	Support Plate Weldment	1

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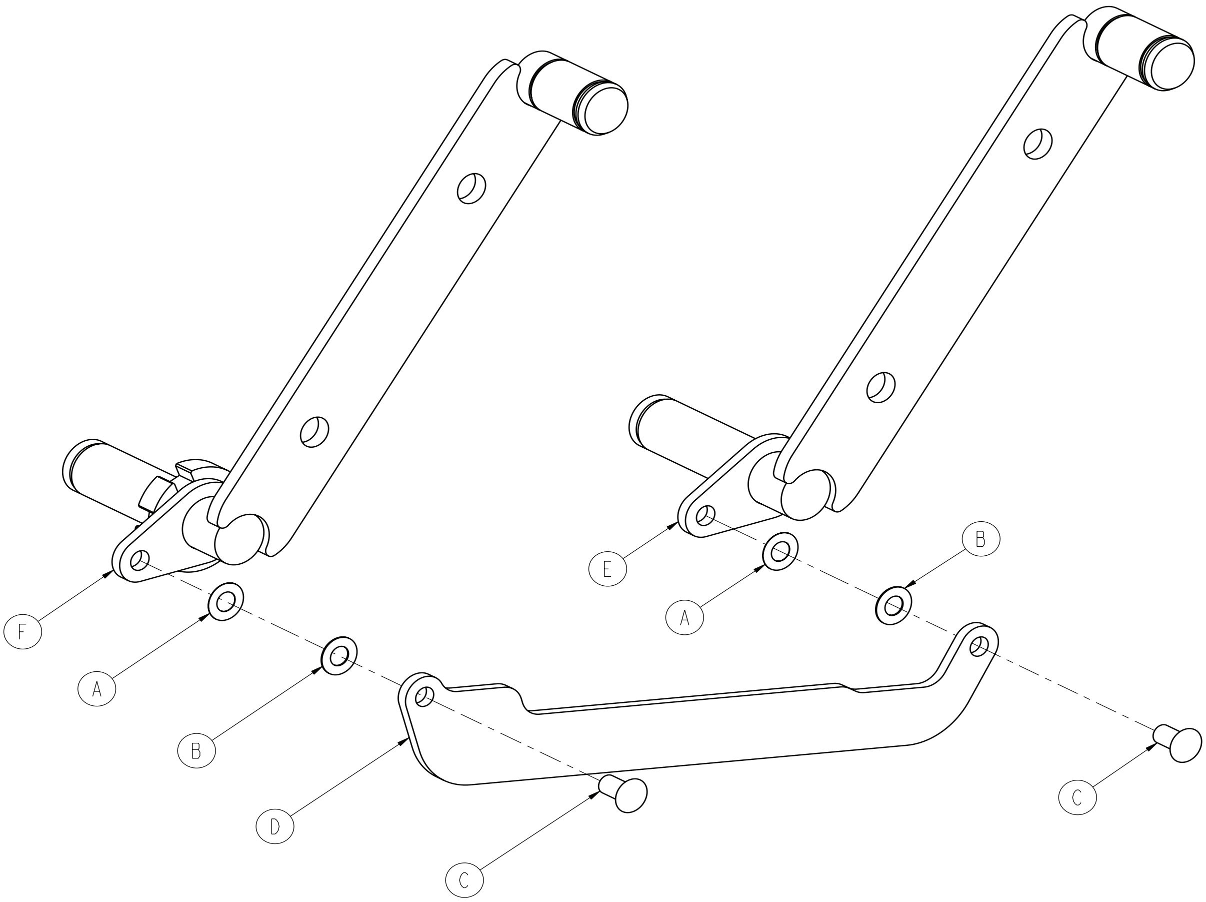
Notes

Timing Link Assembly, Foot End, Left - 3003-401-020



Item	Part No.	Part Name	Qty.
A	0011-377-000	Washer	2
B	0011-491-000	Washer	2
C	3001-400-501	Siderail Linkage Rivot	2
D	3003-401-001	Bushing	2
E	3003-402-112	Timing Link	1
F	3003-402-127	Arm Weldment - LHF	1
G	3003-402-128	Arm Weldment - LHH	1

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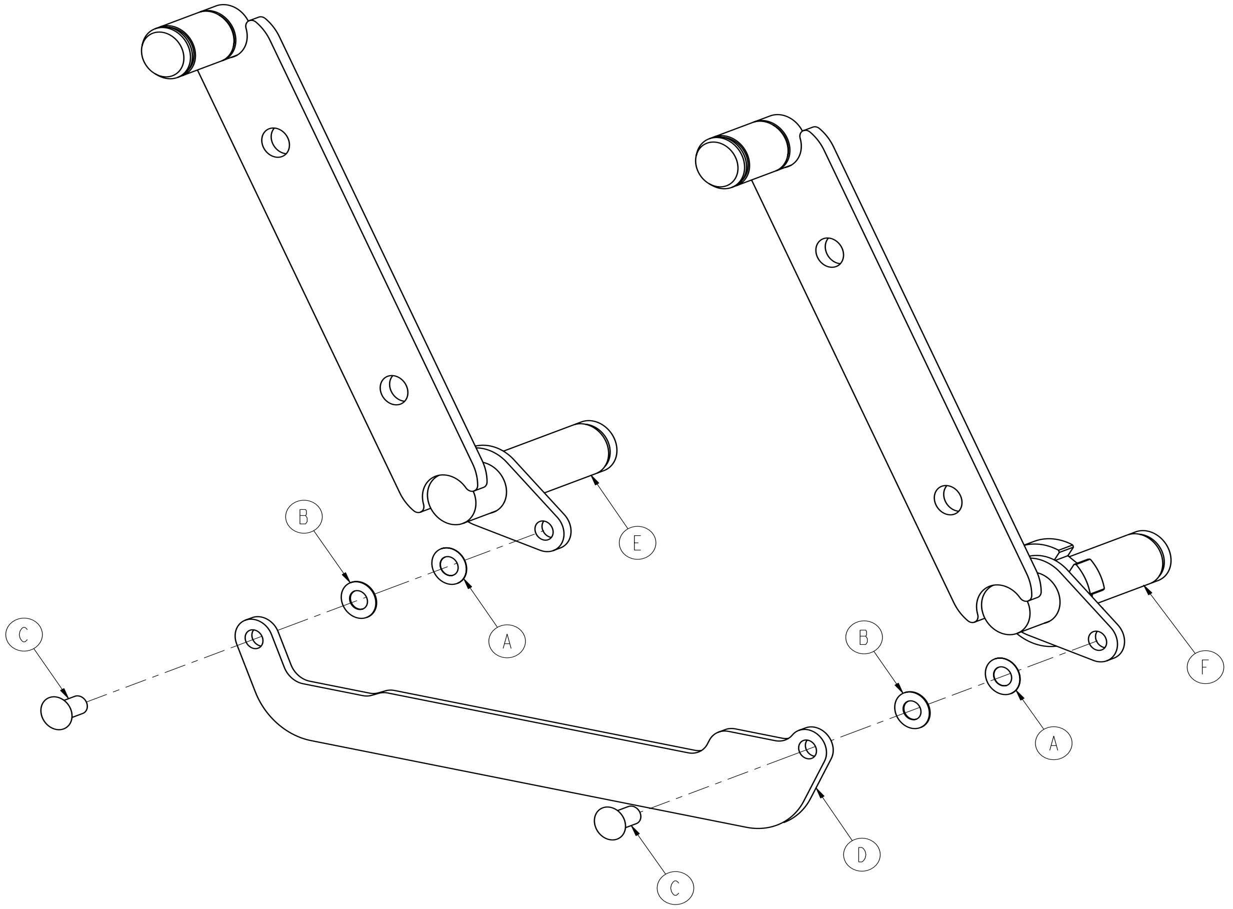
Timing Link Assembly, Foot End, Right - 3003-401-015



Item	Part No.	Part Name	Qty.
A	0011-377-000	Washer	2
B	0011-491-000	Washer	2
C	3001-400-501	Siderail Linkage Rivot	2
D	3003-401-001	Bushing	2
E	3003-402-117	Timing Link	1
F	3003-402-227	Arm Weldment - LHF	1
G	3003-402-228	Arm Weldment - LHH	1

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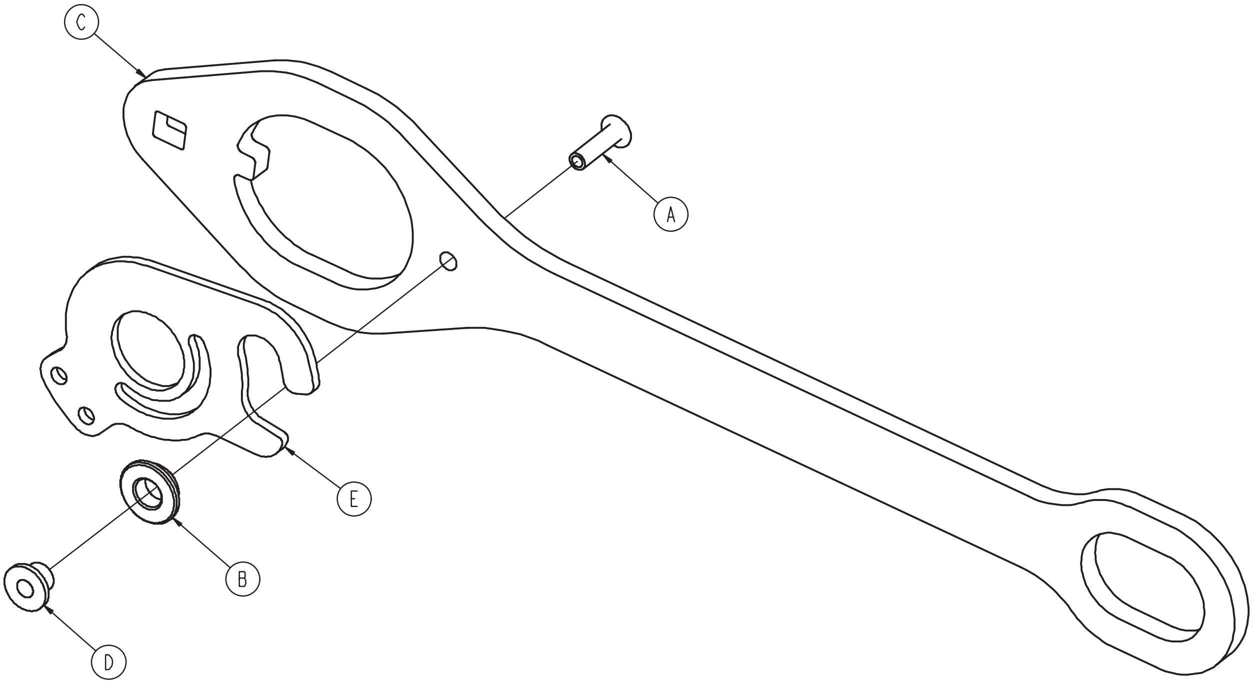
Siderail Latch Assembly, Foot End, Left - 3003-400-085

Inside the US and Canada



Item	Part No.	Part Name	Qty.
A	0025-086-000	Blind Rivet	1
B	0081-317-000	Bronze Bushing	1
C	3002-400-501	Latch	1
D	3002-400-509	Bypass Bushing Spacer	1
E	3003-400-504	Bypass Plate, Foot	1

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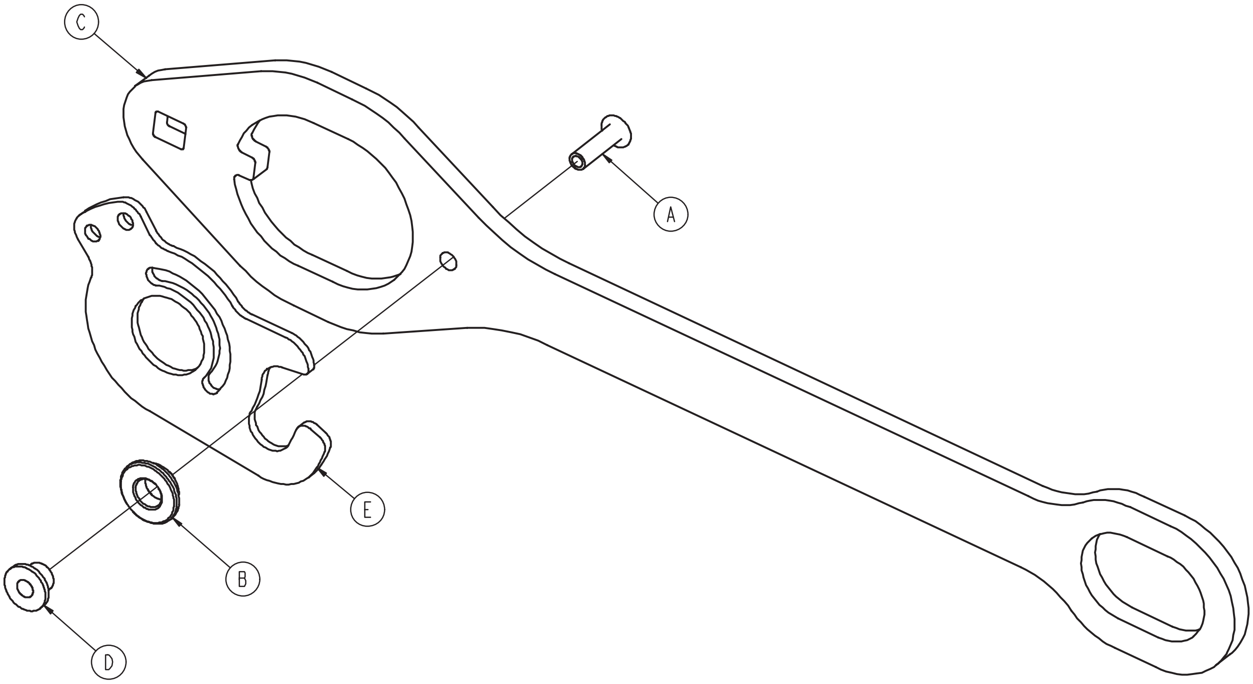
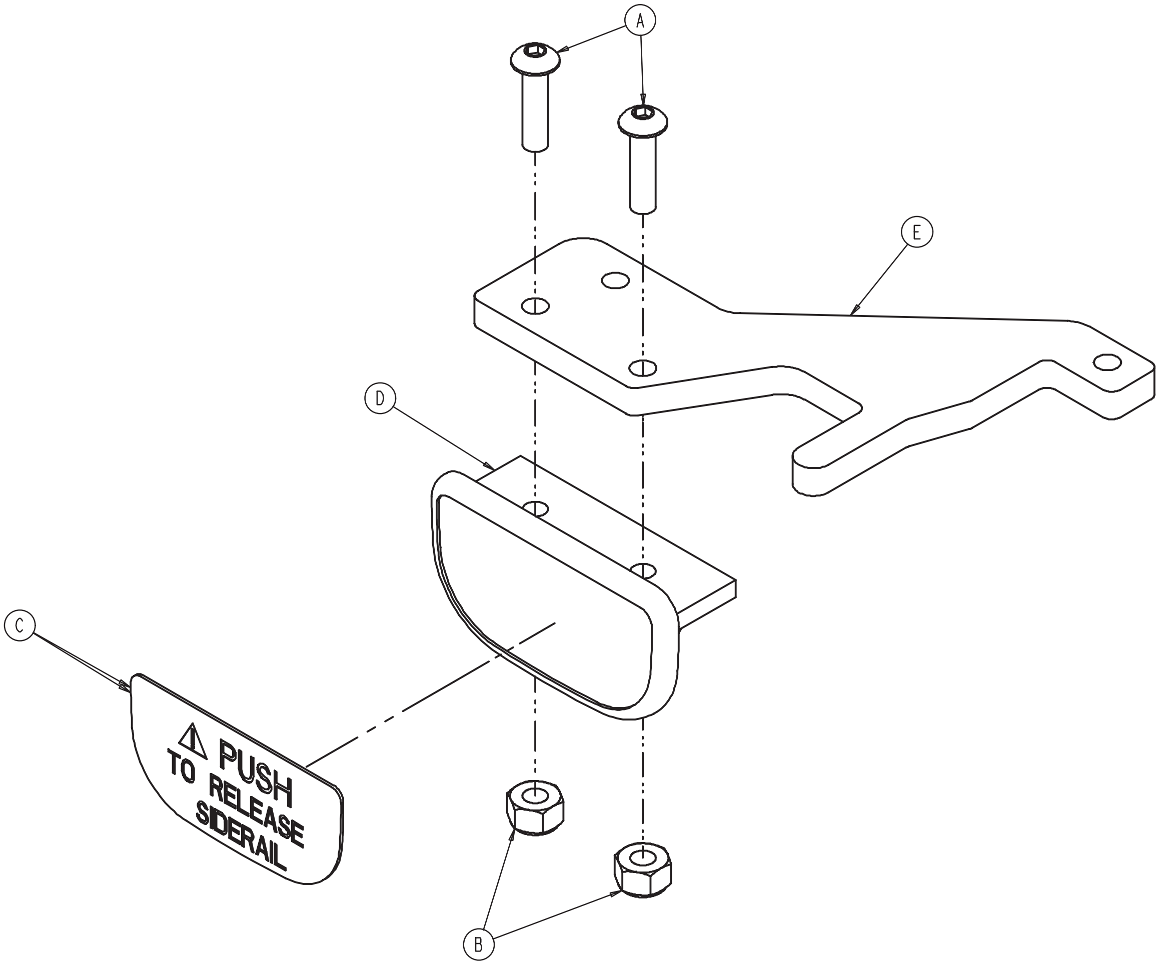
Siderail Latch Assembly, Foot End, Right - 3003-400-080

Inside the US and Canada



Item	Part No.	Part Name	Qty.
A	0025-086-000	Blind Rivet	1
B	0081-317-000	Bronze Bushing	1
C	3002-400-501	Latch	1
D	3002-400-509	Bypass Bushing Spacer	1
E	3003-400-504	Bypass Plate, Foot	1

Siderail Release Lever Assembly, Left - 3002-400-055



Item	Part No.	Part Name	Qty.
A	0004-278-000	Socket But. Hd. Cap Screw	2
B	0016-002-000	Hex Nut	2
C	3002-503-901	Release Label	1
D	3001-400-514	Release Lever Pad	1
E	3002-400-510	Release Lever	1

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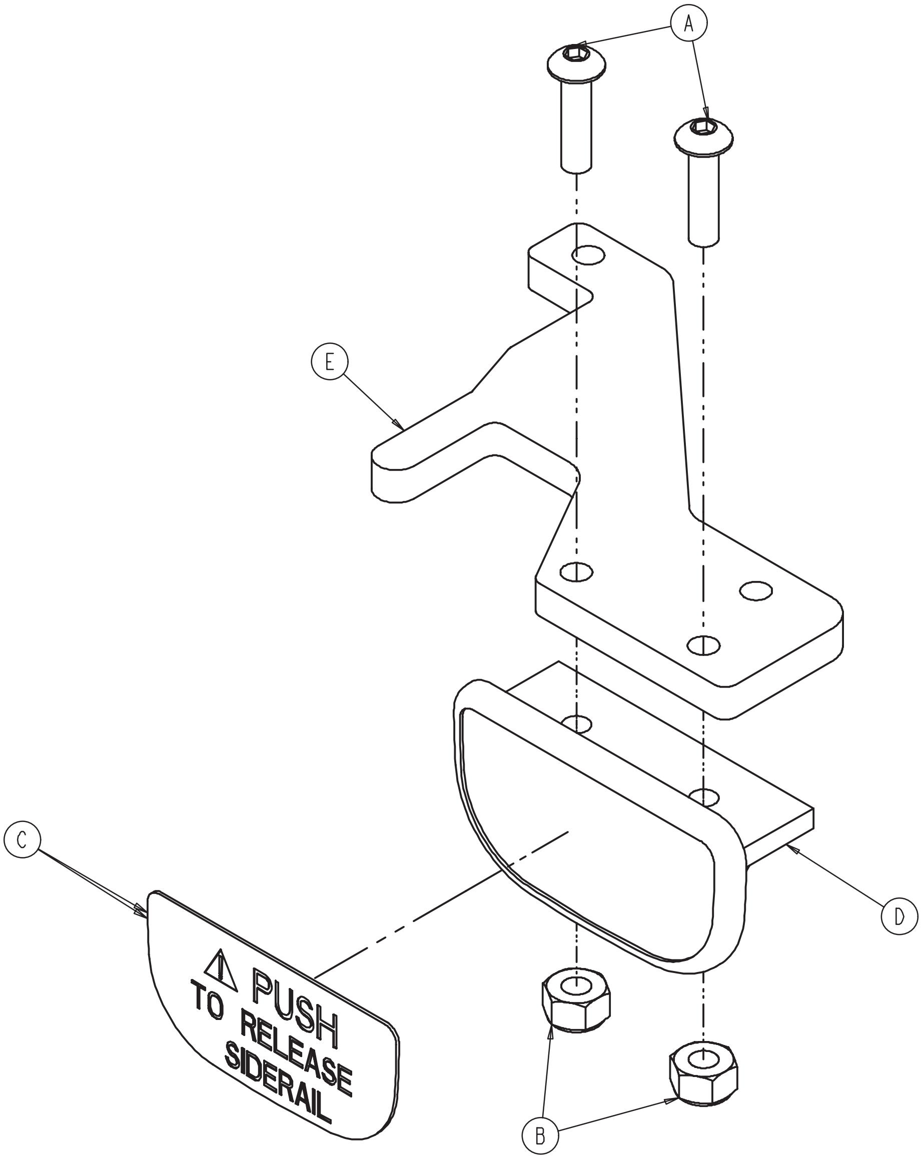
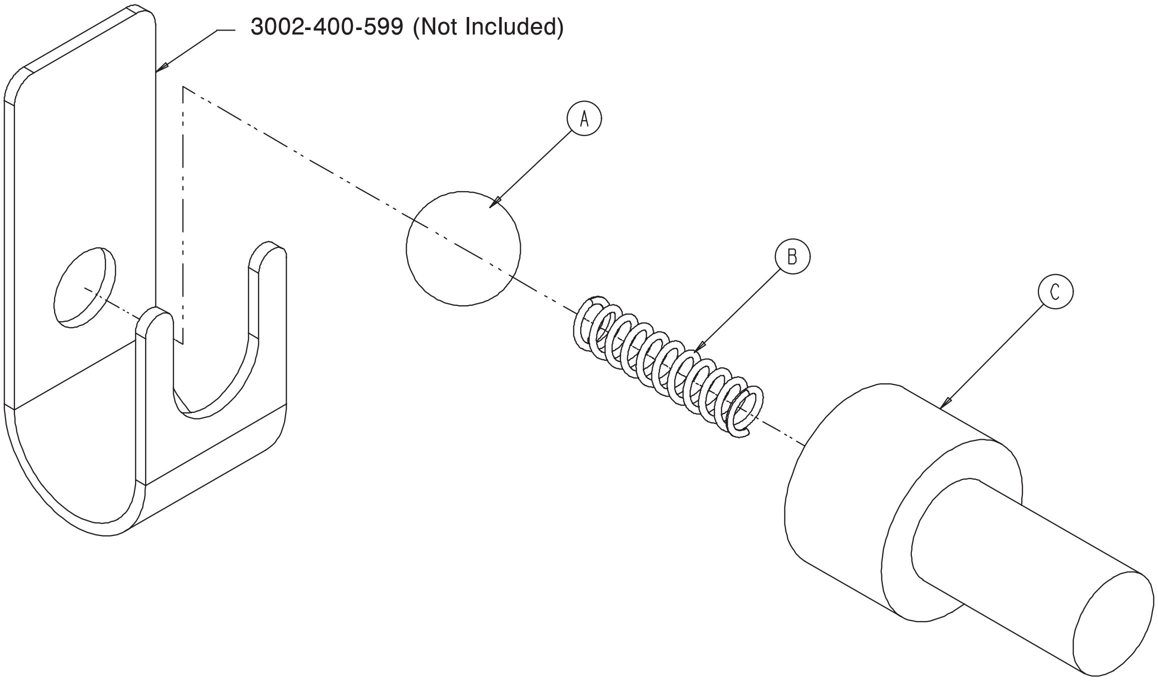
Siderail Release Lever Assembly, Right - 3002-400-065



Item	Part No.	Part Name	Qty.
A	0004-278-000	Socket But. Hd. Cap Screw	2
B	0016-200-000	Hex Nut	2
C	3002-503-901	Release Label	1
D	3001-400-514	Release Lever Pad	1
E	3002-400-510	Release Lever	1

Siderail Bypass Detent Clip Assembly - 3002-400-090


3002-400-599 (Not Included)
A
B
C

Item	Part No.	Part Name	Qty.
A	0031-137-000	Steel Ball	1
B	0038-464-000	Compression Spring	1
C	3002-400-524	Bypass Detent Housing	1

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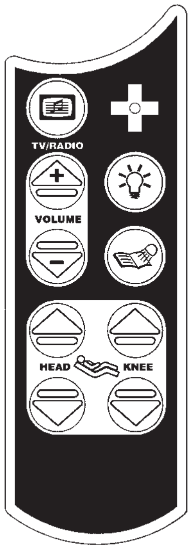
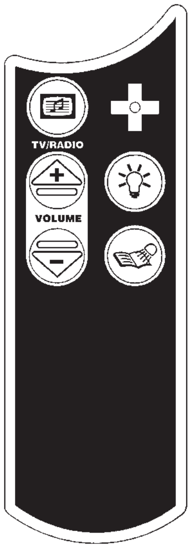
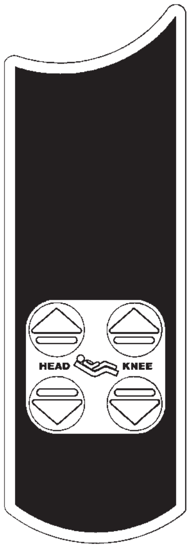
Optional Pendant Assembly


TV/RADIO
VOLUME
HEAD
KNEE

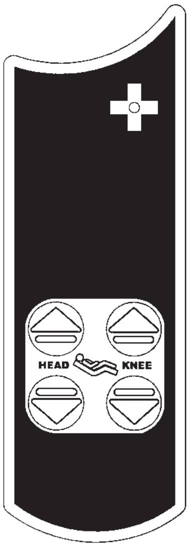
Combination Pendant Motion/ Communication - 3001-315-012


TV/RADIO
VOLUME

Combination Pendant Communication Only - 3001-315-016



Combination Pendant Motion Only - 3001-315-014



Combination Pendant Motion/Nurse Call - 3001-315-018

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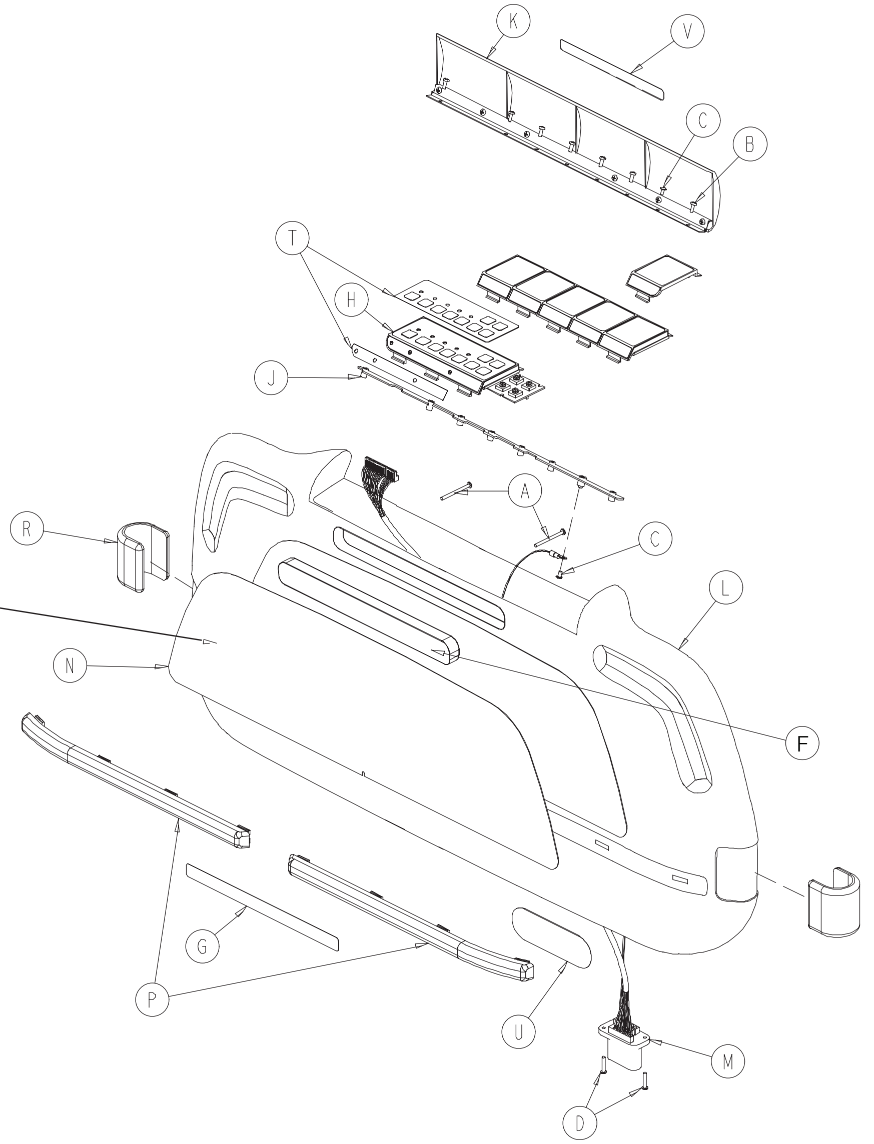
Foot Board Assembly



OPTIONAL LAMINATE
(Not included with Foot Board Assembly)

Hard Rock Maple	3000-50-441
Fine Oak	3000-50-442
Port Maple	3000-50-443
Wild Cherry	3000-50-446
Cayenne Maple	3000-50-447
Honey Maple	3000-50-448
Select Cherry	3000-50-449

Standard Components - 3002-500-011

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0023-099-000	Phillips Pan Hd. Screw	2	K	3001-500-001	Lid Assembly	1
B	0023-103-000	Pan Hd. Hi–Lo Tap. Screw	7	L	3001-500-010	Clam Shell Assembly	1
C	0050-038-000	Pan Hd. Mach. Screw	2	M	3001-500-801	Foot Board Drawer Cable	1
D	0050-039-000	Pan Hd. Mach. Screw	2	P	2025-000-105	Bumper Strip	2
E	0072-002-071	“C” Bumper Adhesive	1	R	3002-500-007	C–Bumper	2
F	3000-500-008	Chart Rack Cover	1	T	3002-500-024	Standard Module Label	1
G	3000-500-029	Hazard Label	1	U	3002-500-601	Secure II Label	1
H	3001-500-028	Std. Control Module Ass’y (pg.248)	1	V	3002-500-025	Lid Label	1
J	3001-500-064	Hinge Plate	1				

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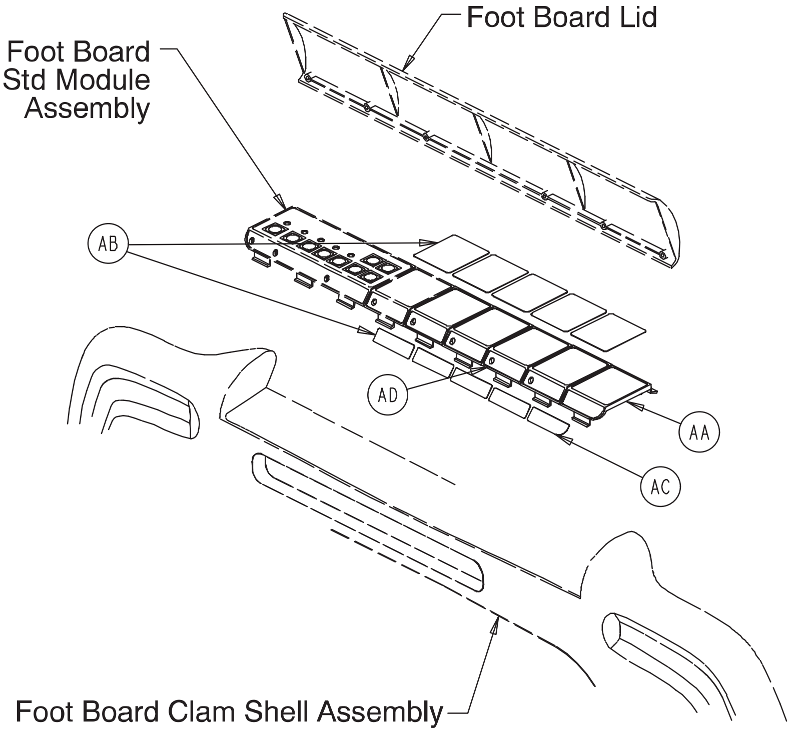
Foot Board Assembly, No Options - 3002-507-120


Foot Board Lid
Foot Board Std Module Assembly
AB
AD
AA
AC
Foot Board Clam Shell Assembly

Item	Part No.	Part Name	Qty.
AA	3000-500-004	End Module	1
AB	3002-508-004	Blank Module Label	5
AC	3002-500-027	End Module Label	1
AD	3001-500-003	Blank Module	4

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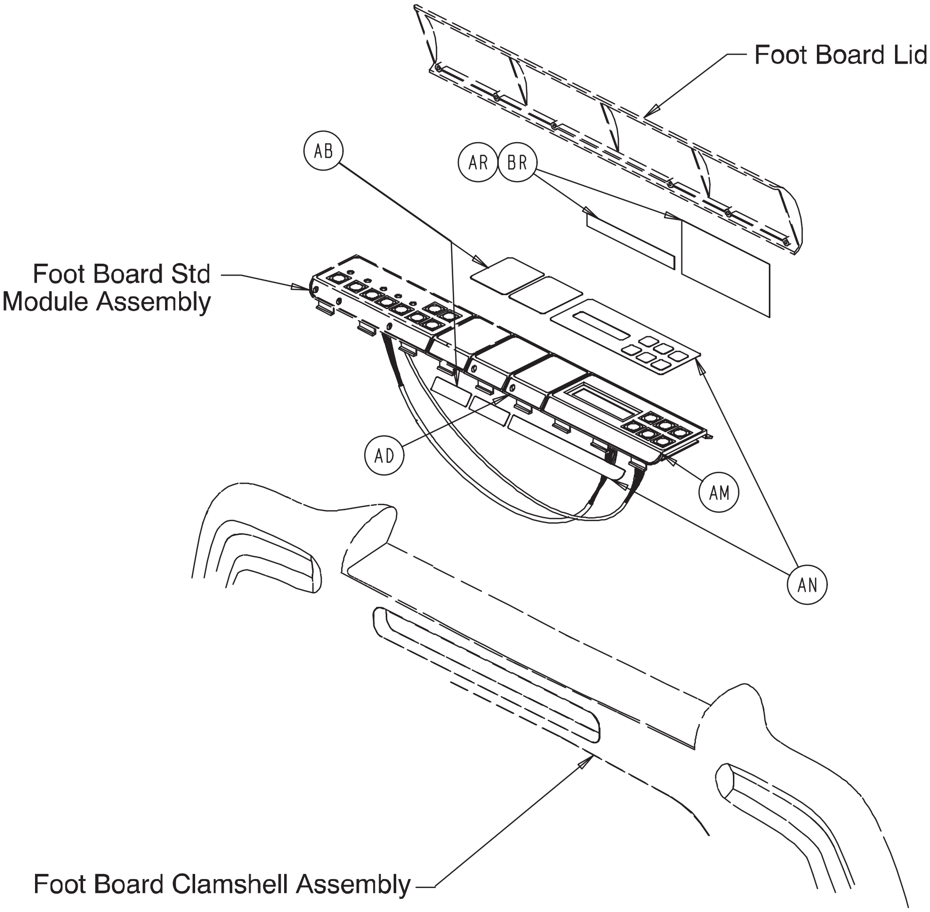
Foot Board Assembly, Scale Option - 3002-507-013


Foot Board Lid
AB
AR
BR
Foot Board Std Module Assembly
AD
AM
AN
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AB	3002-508-004	Blank Module Label	2
AD	3001-500-003	Blank Module	2
AM	3002-507-030	Scale Module (pg.251)	1
AN	3002-000-152	Scale Module Label	1
AR	3002-507-011	Scale Label (Lid)	1

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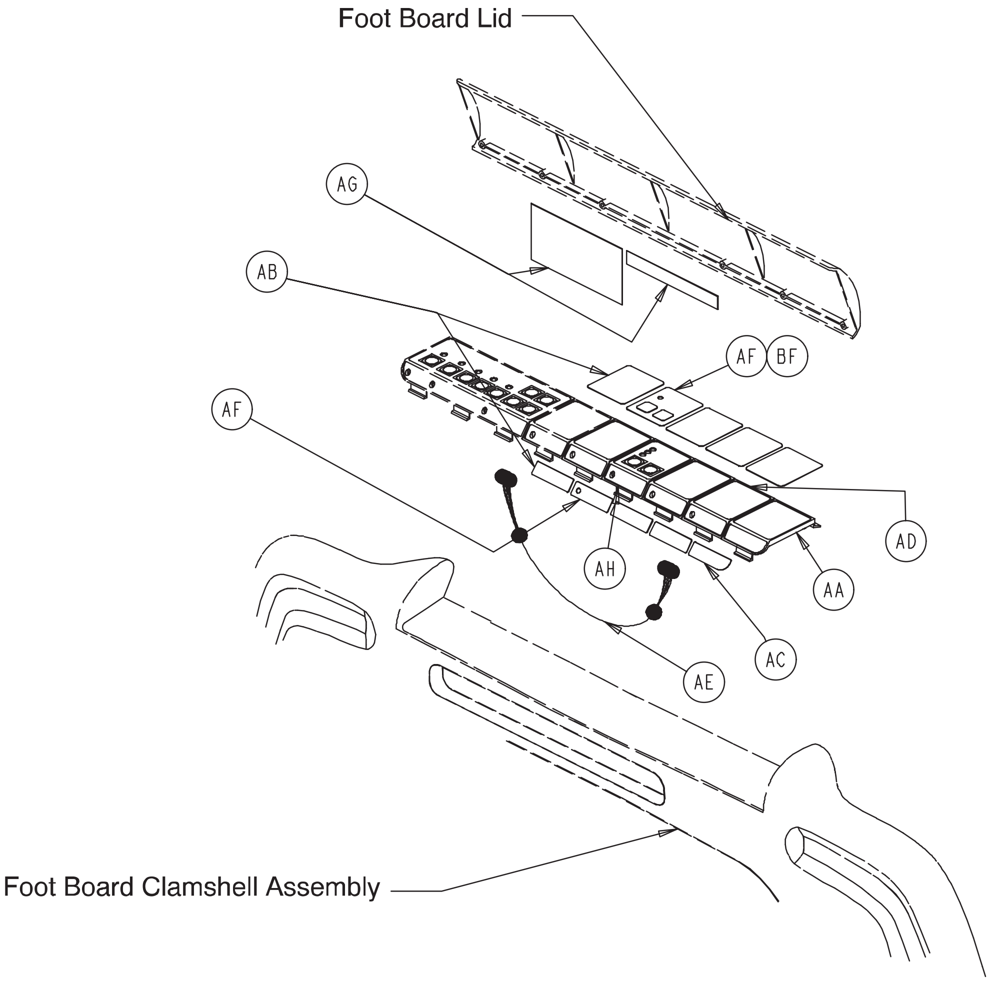
Foot Board Assembly, Bed Exit Option - 3002-508-011


Foot Board Lid
AG
AB
AF
BF
AF
AD
AH
AA
AC
AE
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AA	3000-500-004	End Module	1
AB	3002-508-004	Blank Module Label	4
AC	3002-500-027	End Module Label	1
AD	3001-500-003	Blank Module	3
AE	3001-508-800	Bed Exit Keypad Cable	1
AF	3002-508-002	Bed Exit Module Label	1
AG	3002-508-010	Bed Exit Label (Lid)	1
AH	3001-508-030	Bed Exit Module (pg.249)	1

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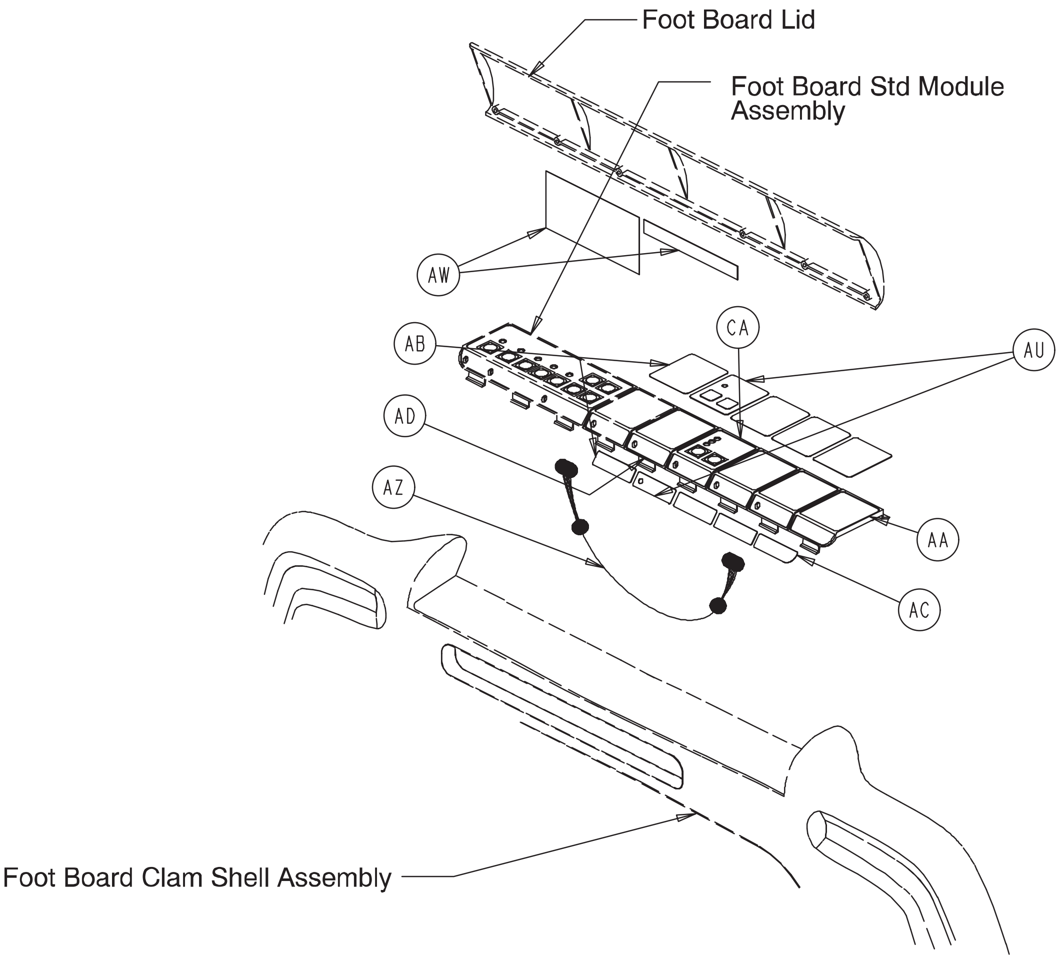
Foot Board Ass'y, Zone Ctrl/Bed Exit Option - 3002-508-021


Foot Board Lid
Foot Board Std Module Assembly
AW
AB
CA
AU
AD
AZ
AA
AC
Foot Board Clam Shell Assembly

Item	Part No.	Part Name	Qty.
AA	3000-50-004	End Module	1
AB	3002-508-004	Blank Module Label	4
AC	3002-500-027	End Module Label	1
AD	3001-500-003	Blank Module	3
AU	3002-508-003	Zone Control II Module Label	1
AW	3002-508-012	Zone Control II Label (Lid)	1
AZ	3002-508-800	Zone Ctrl. Keypad Cable	1
CA	3002-508-030	Bed Exit Module (pg.250)	1

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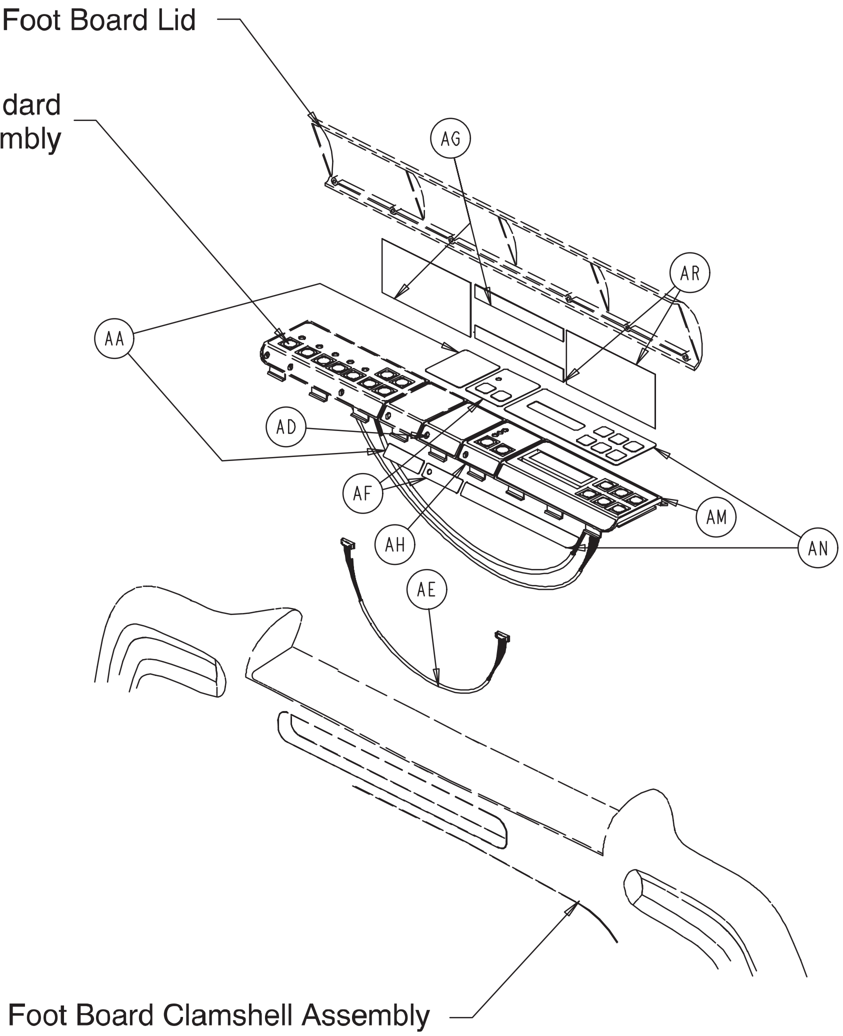
Foot Board Ass'y, Bed Exit/Scale Option - 3002-507-121


Foot Board Lid
Foot Board Standard Module Assembly
AG
AR
AA
AD
AF
AH
AE
AM
AN
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AB	3002-508-004	Blank Module Label	1
AD	3001-500-003	Blank Module	1
AE	3001-508-800	Bed Exit Keypad Cable	1
AF	3002-508-002	Bed Exit Module Label	1
AG	3002-508-010	Bed Exit Label (Lid)	1
AH	3001-508-030	Bed Exit Module (pg.249)	1
AM	3002-507-030	Scale Module	1
AN	3002-000-152	Scale Module Label (pg.251)	1
AR	3002-507-011	Scale Label (Lid)	1

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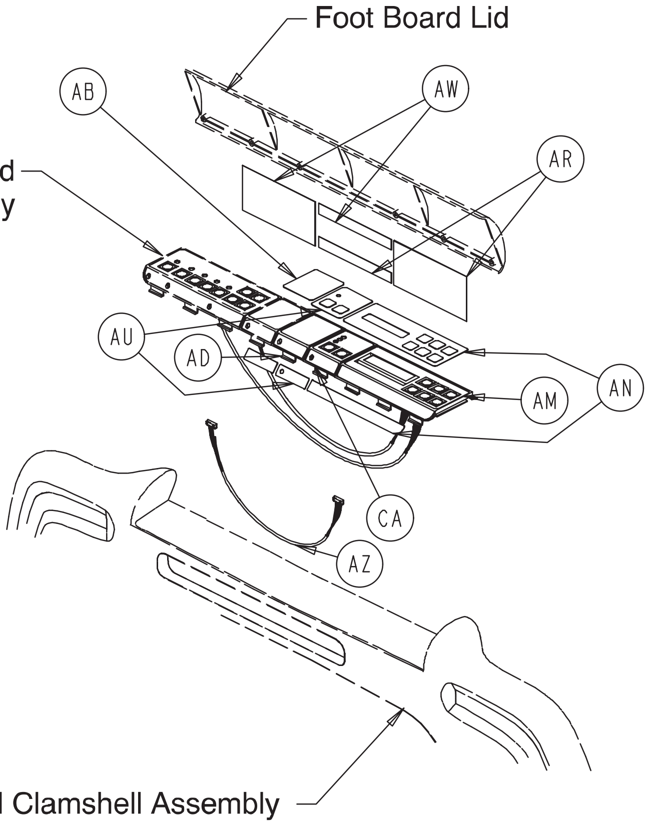
Foot Board Ass'y, Zone Ctrl/Bed Exit/Scale Option - 3002-507-122



Foot Board Lid
AB
AW
AR
Foot Board Standard Module Assembly
AU
AD
AN
AM
CA
AZ
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AB	3002-508-004	Blank Module Label	4
AD	3001-500-003	Blank Module	3
AM	3002-507-030	Scale Module (pg.251)	1
AN	3002-000-152	Scale Module Label	1
AR	3002-507-011	Scale Label (Lid)	1
AU	3002-508-003	Zone Control II Module Label	1
AW	3002-508-012	Zone Control II Label (Lid)	1
AZ	3002-508-800	Zone Control Keypad Cable	1
CA	3002-508-030	Zone Control Bed Exit Module (pg.250)	1

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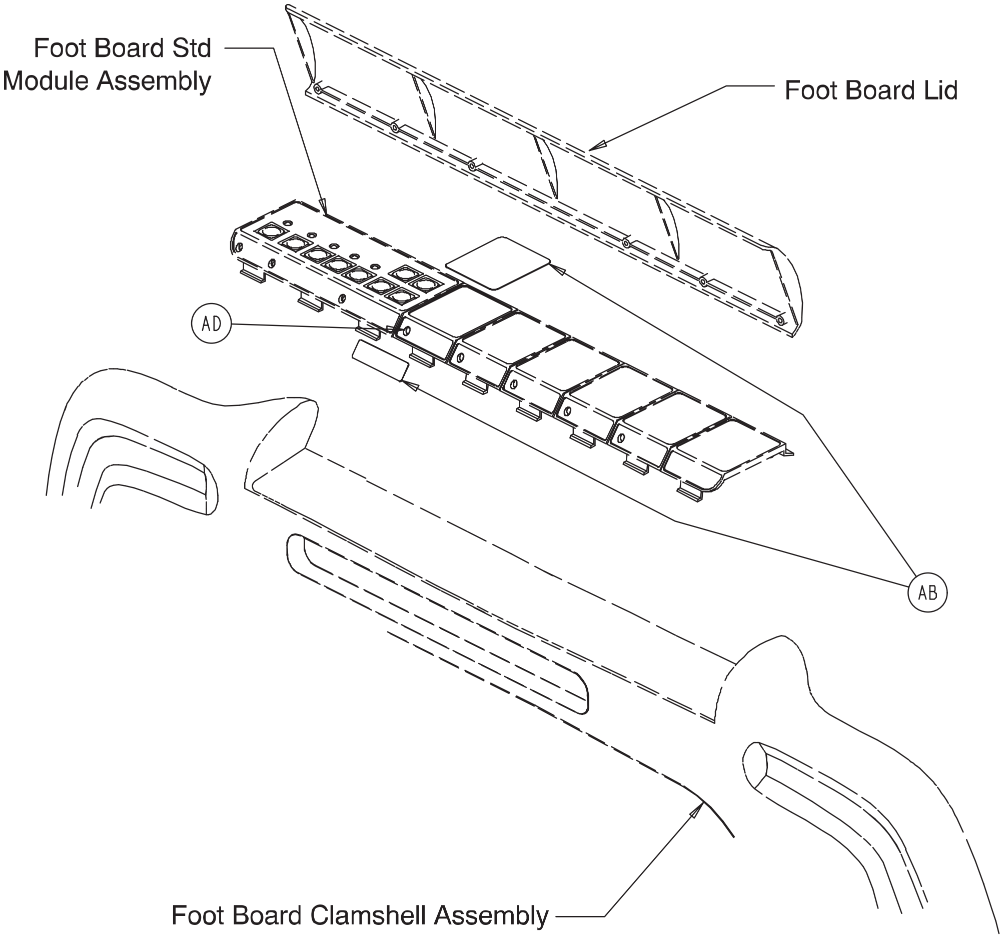
Foot Board Ass'y, No Gatch/Fowler Option - 3002-501-110


Foot Board Std
Module Assembly
Foot Board Lid
AD
AB
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AB	3002-508-004	Blank Module Label	1
AD	3001-500-003	Blank Module	1

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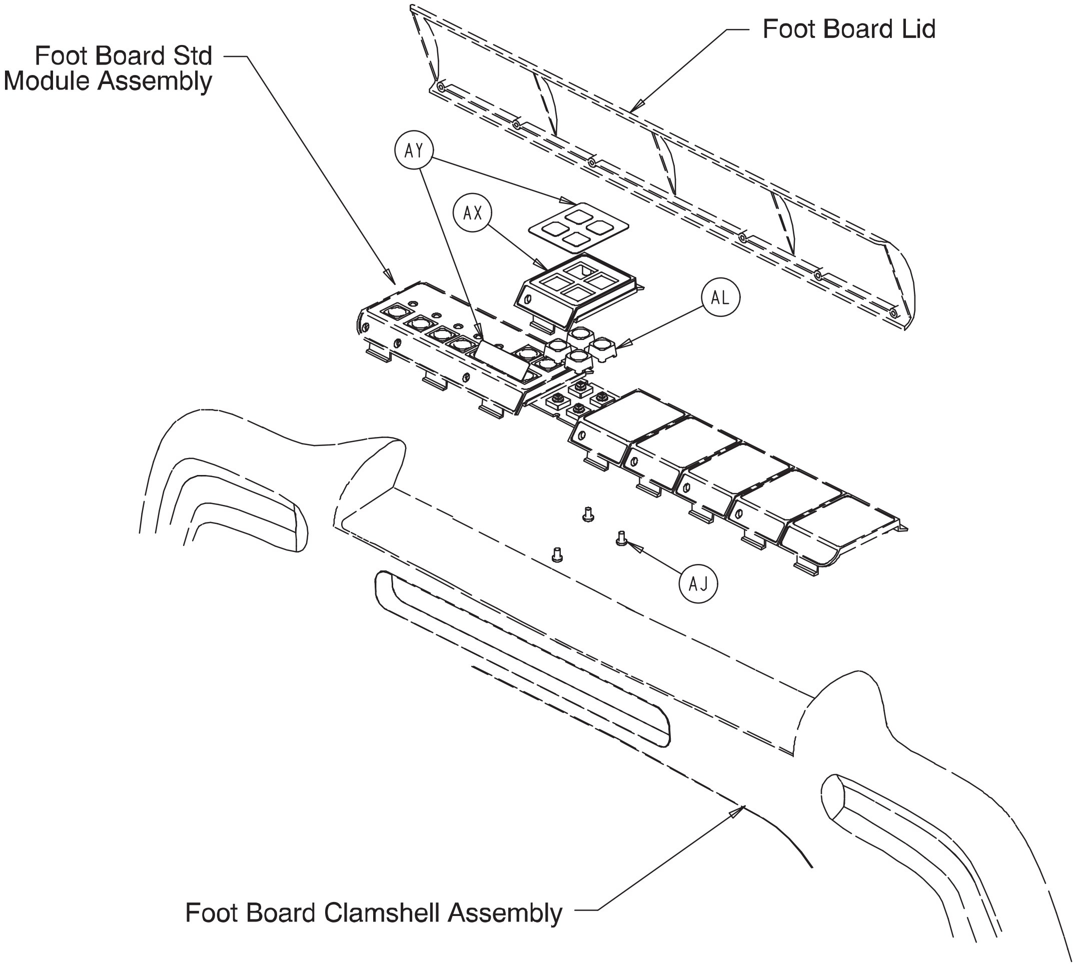
Foot Board Ass'y, Gatch/Fowler Option - 3002-501-011


Foot Board Lid
Foot Board Std Module Assembly
AY
AX
AL
AJ
Foot Board Clamshell Assembly

Item	Part No.	Part Name	Qty.
AJ	0023-087-000	Pan Hd. Hi-Lo Tap. Screw	3
AL	3001-400-953	Switch Cap	4
AX	3000-501-001	Gatch/Fowler Module	1
AY	3002-501-002	Gatch/Fowler Module Label	1

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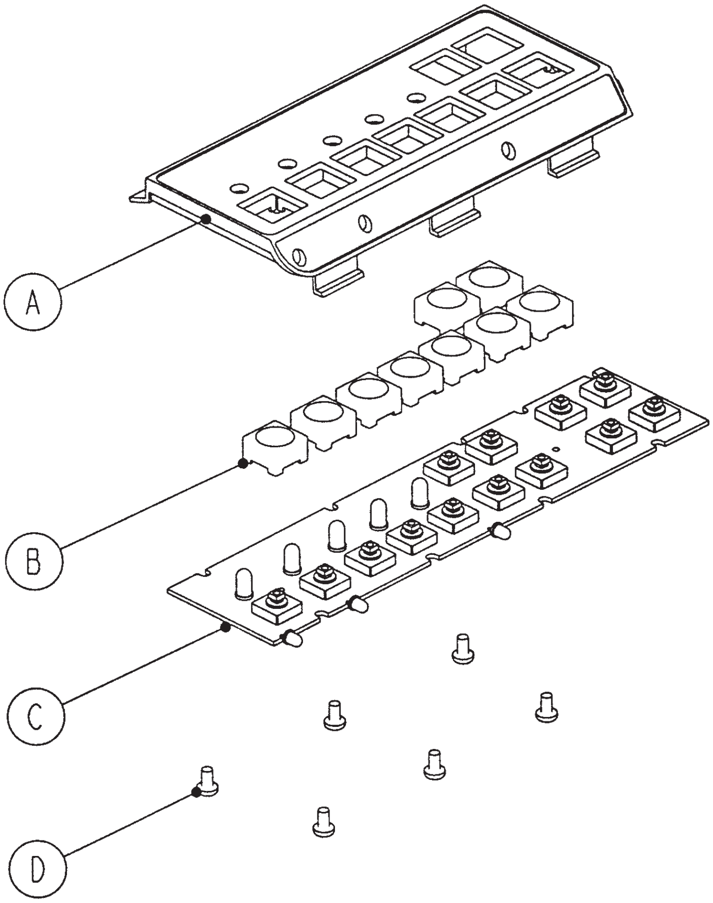
Foot Board Standard Module Ass’y - 3001-500-028



Item	Part No.	Part Name	Qty.
A	3000-500-002	Foot Board Standard Module	1
B	3001-400-953	Switch Cap	9
C	3001-500-930	Main Foot Board Keyboard	1
D	0023-087-000	Pan Hd. Tapping Screw	6

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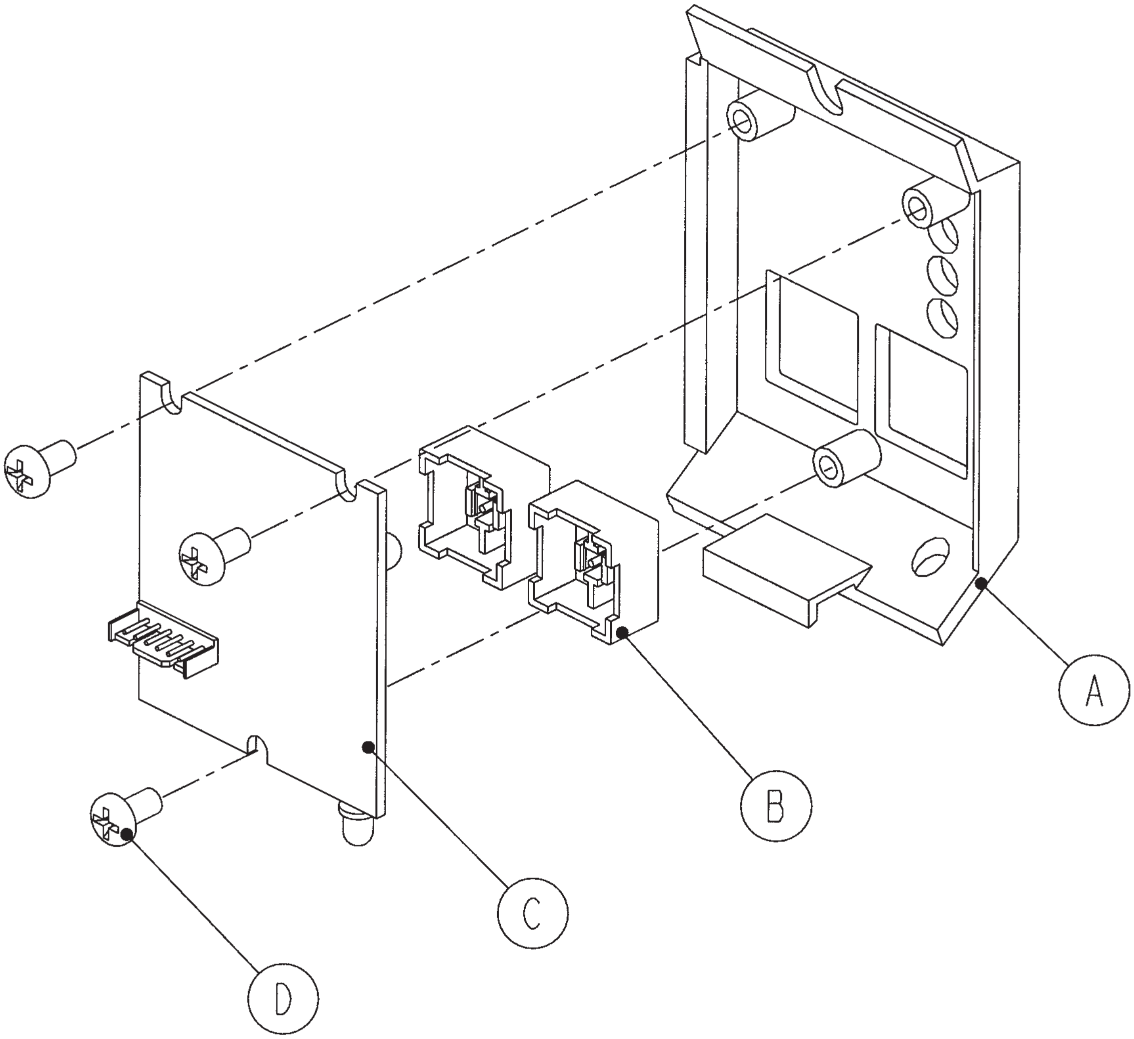
Optional Foot Board Bed Exit Module - 3001-508-030



Item	Part No.	Part Name	Qty.
A	3000-508-001	Bed Exit Module Panel	1
B	3001-400-953	Switch Cap	2
C	3001-508-910	Bed Exit Keypad Ass'y	1
D	0023-087-000	Tapping Screw	3

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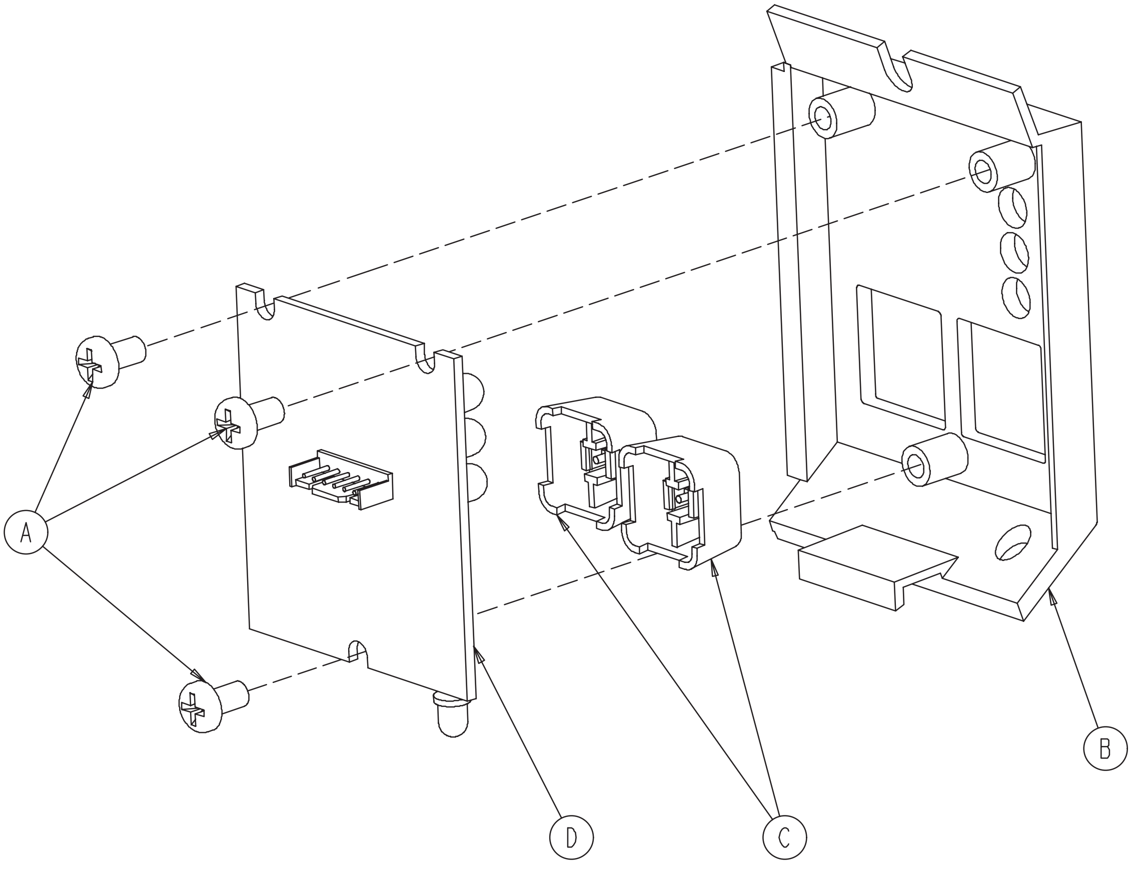
Optional Foot Board Zone Cntrl/Bed Exit Module - 3002-508-030



Item	Part No.	Part Name	Qty.
A	0023-087-000	Hi-Low Tapping Screw	3
B	3000-508-001	End Exit Module Panel	1
C	3001-400-953	Switch Cap	2
D	3002-508-900	Bed Exit Board	1

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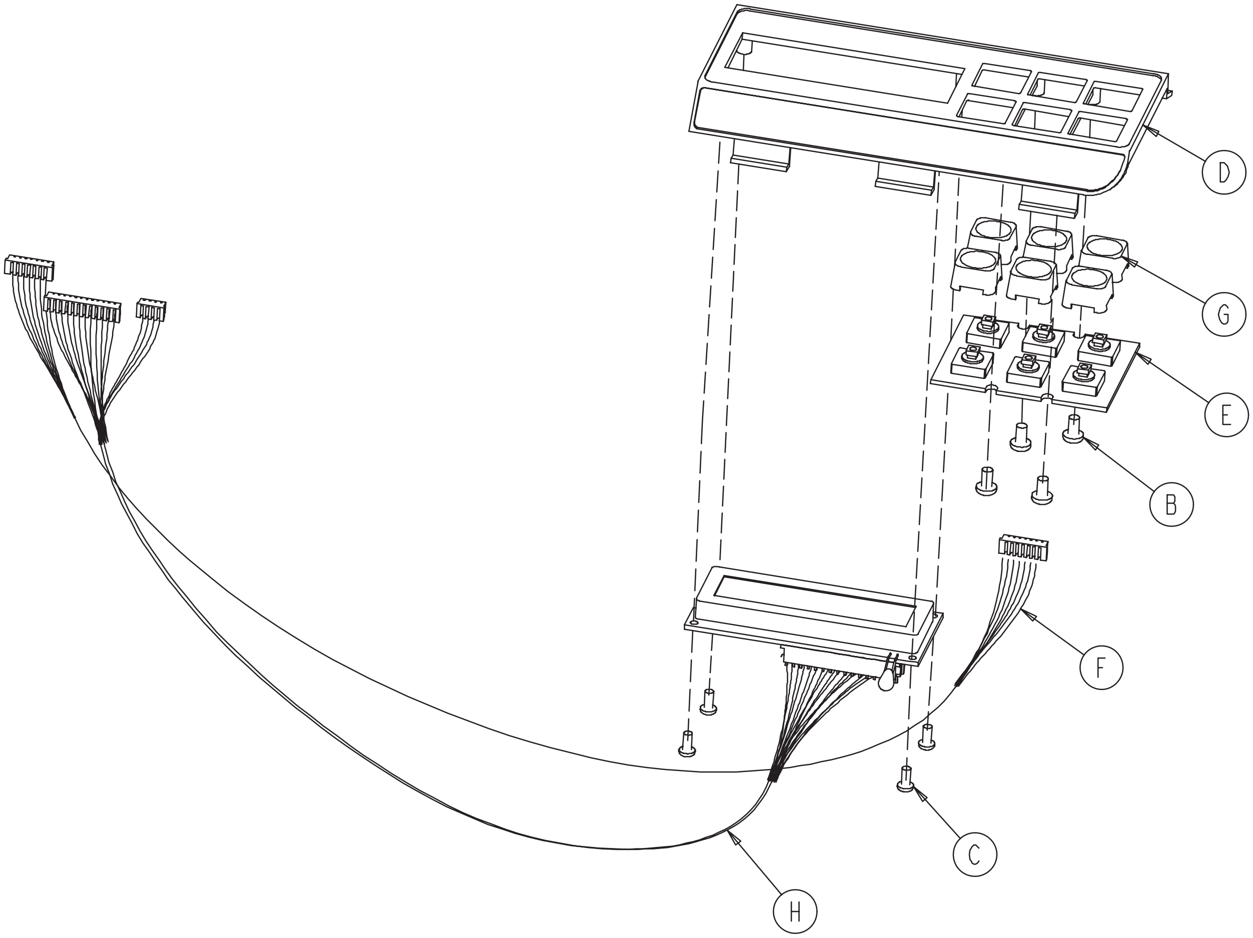
Foot Board Scale Module Assembly - 3002-507-030



Item	Part No.	Part Name	Qty.
B	0023-087-000	Pan Hd. Hi-Lo Tapping Screw	4
C	0023-091-000	Pan Hd. Hi-Lo Tapping Screw	4
D	3001-507-001	Scale Module	1
E	3001-507-910	Scale Keypad	1
F	3001-507-800	Scale Keypad Cable	1
G	3001-400-953	Switch Cap	6
H	3002-507-900	Scale Display Cable	1

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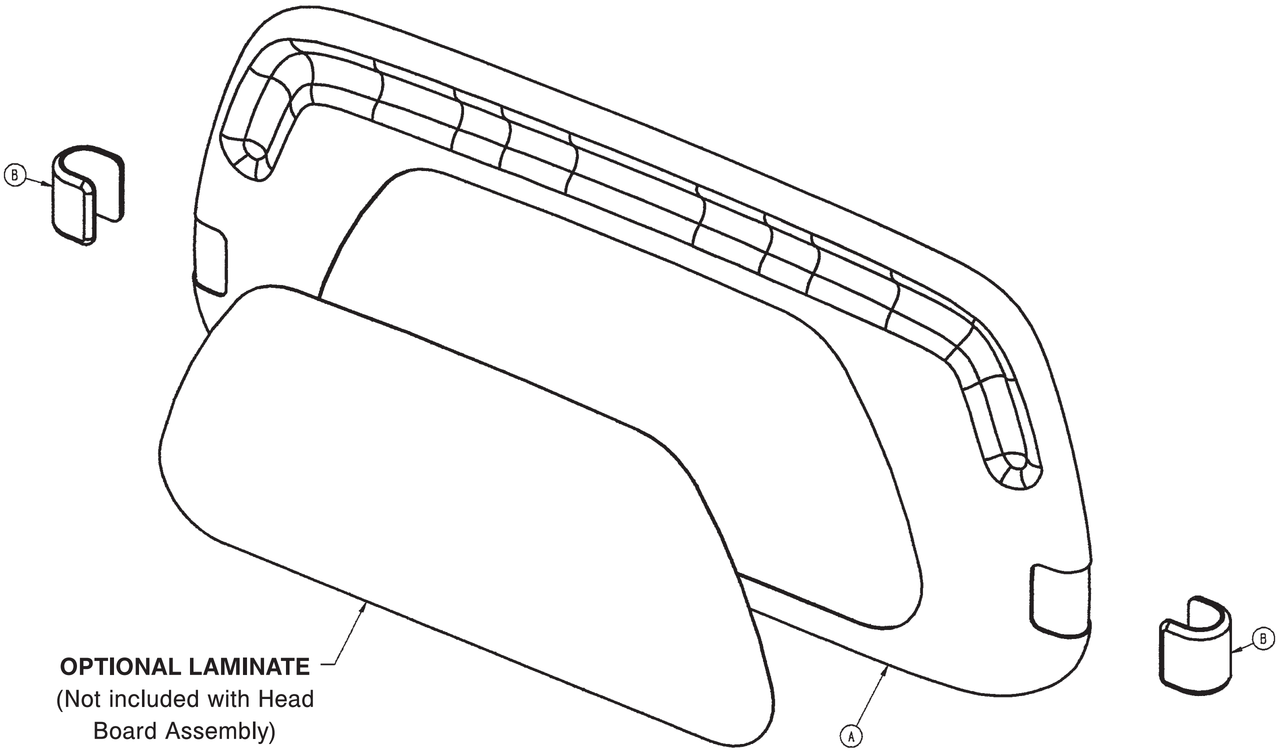
Head Board Assembly - 3002-600-000



OPTIONAL LAMINATE
(Not included with Head
Board Assembly)

Hard Rock Maple	3000-50-441
Fine Oak	3000-50-442
Port Maple	3000-50-443
Wild Cherry	3000-50-446
Cayenne Maple	3000-50-447
Honey Maple	3000-50-448
Select Cherry	3000-50-449

Item	Part No.	Part Name	Qty.
A	3000-600-010	Clamshell Assembly	1
B	0072-002-071	Cyanoacrylate Adhesive (grams)	.30
C	(3000-060-400)	Headboard Laminate	1
D	3002-500-007	C-Bumper	2

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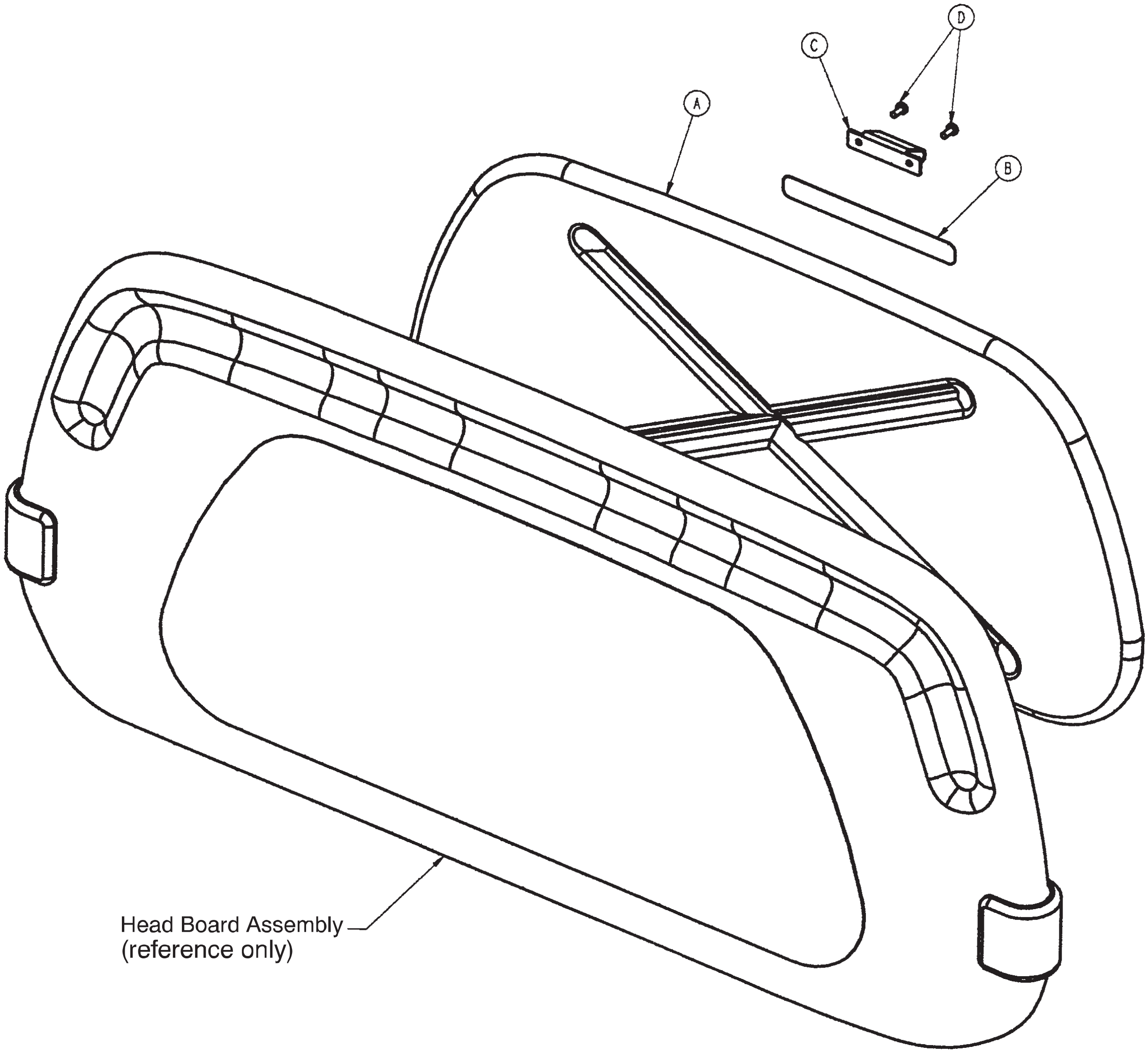
Optional CPR Board Assembly - 3000-526-010


D
C
A
B
Head Board Assembly
(reference only)

Item	Part No.	Part Name	Qty.
A	3000-526-001	CPR Board	1
B	3000-526-003	CPR Board Label	1
C	3000-526-002	CPR Head Board Clip	1
D	0023-088-000	Pan Hd. Tapping Screw	2

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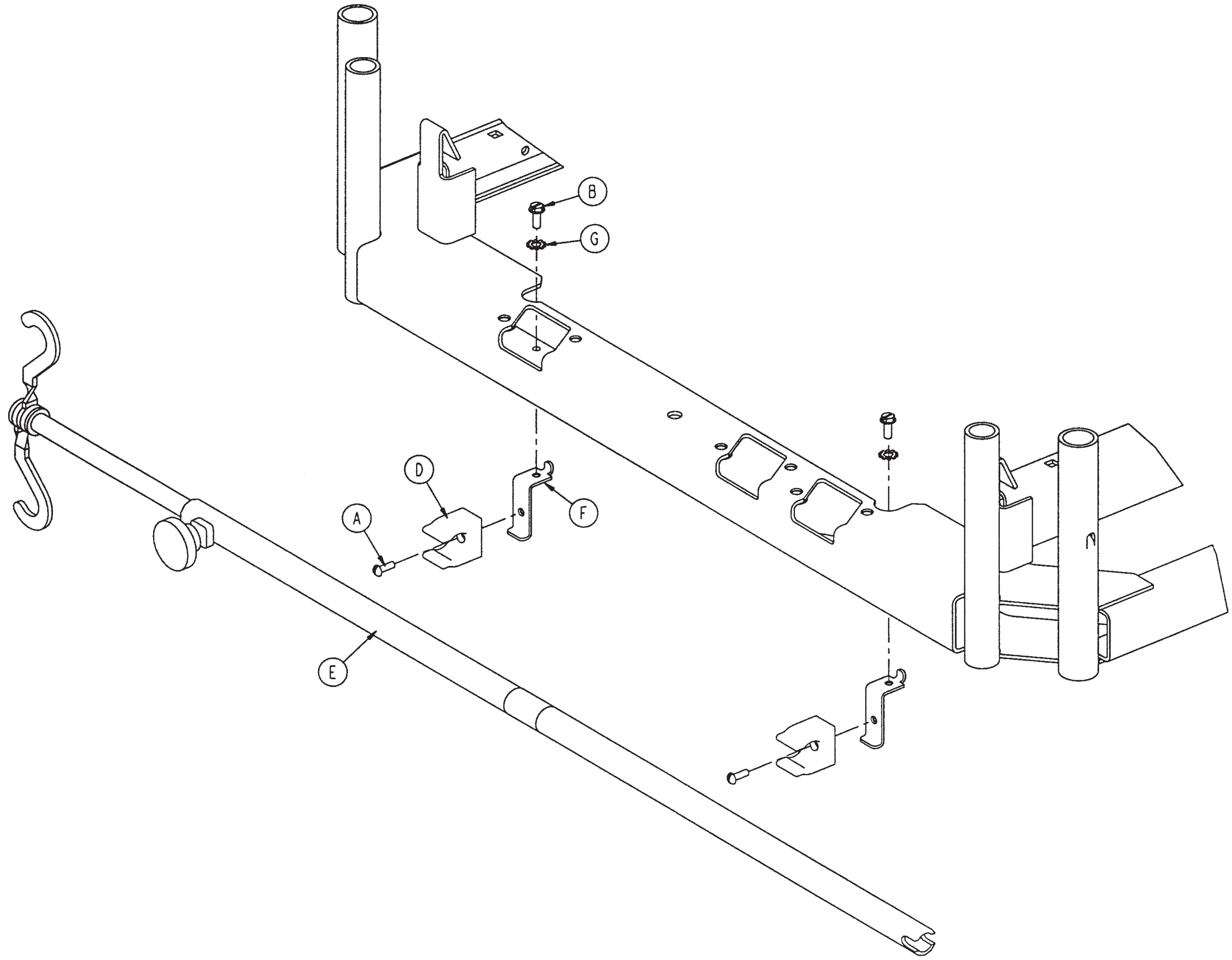
Optional Removable I.V. Pole and Mounting Ass'y - 3001-338-010



Item	Part No.	Part Name	Qty.
A	0002-031-000	Round Hd. Screw	2
B	0003-124-000	Hex Washer Hd. Screw	2
D	0958-001-224	I.V. Clip	2
E	3000-300-080	I.V. Pole Assembly	1
F	3001-300-087	Mounting Bracket	2
G	0013-018-000	External Tooth Lock Washer	2

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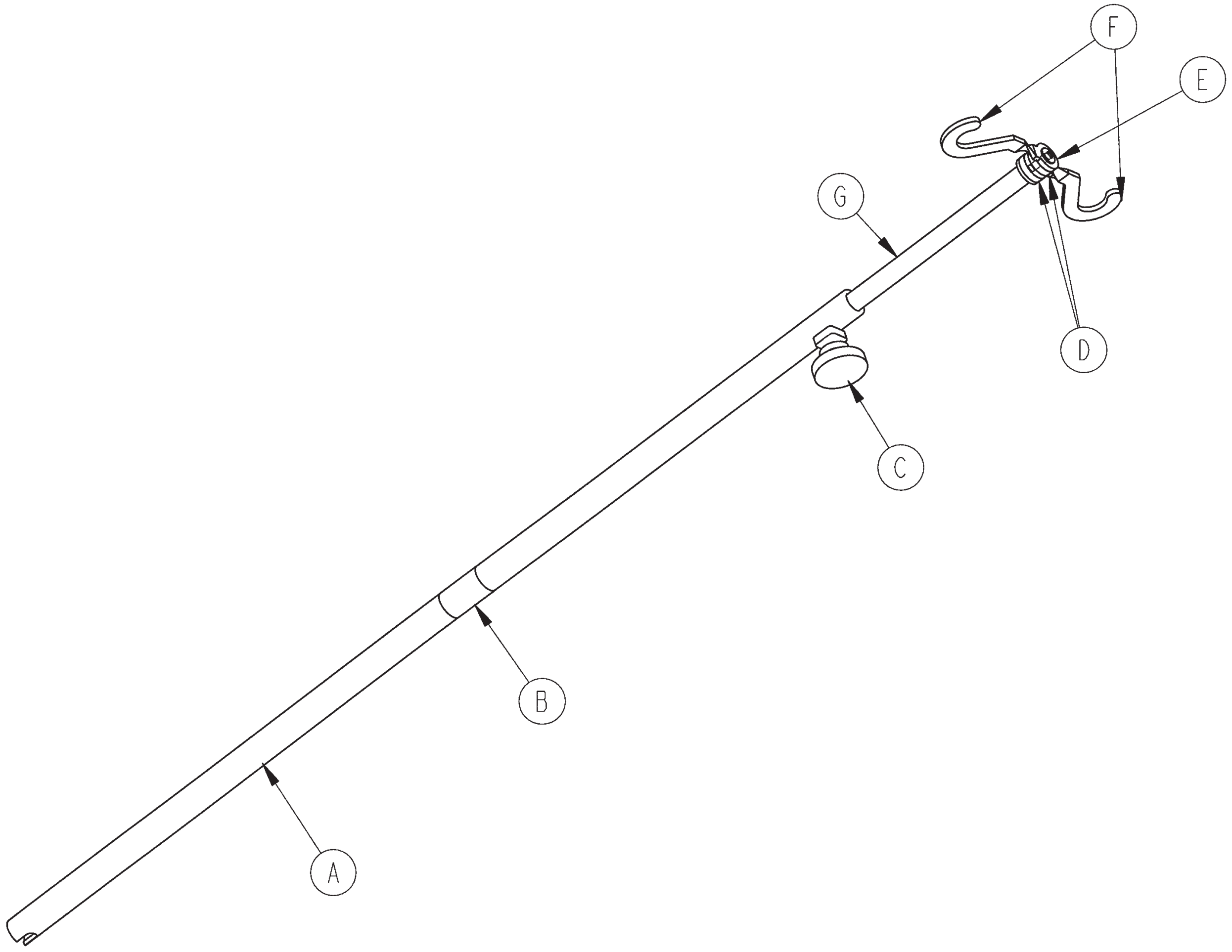
Removable I.V. Pole Assembly - 3000-300-080



Item	Part No.	Part Name	Qty.
A	3000-300-081	Outer Tube	1
B	3000-300-089	Label	1
C	0024-050-000	Fluted Knob	1
D	0052-017-000	Spacer	2
E	0007-040-000	Phillips Truss Hd. Screw	1
F	1010-059-016	I.V. Hook	2
G	3000-300-085	Inner Tube Assembly	1

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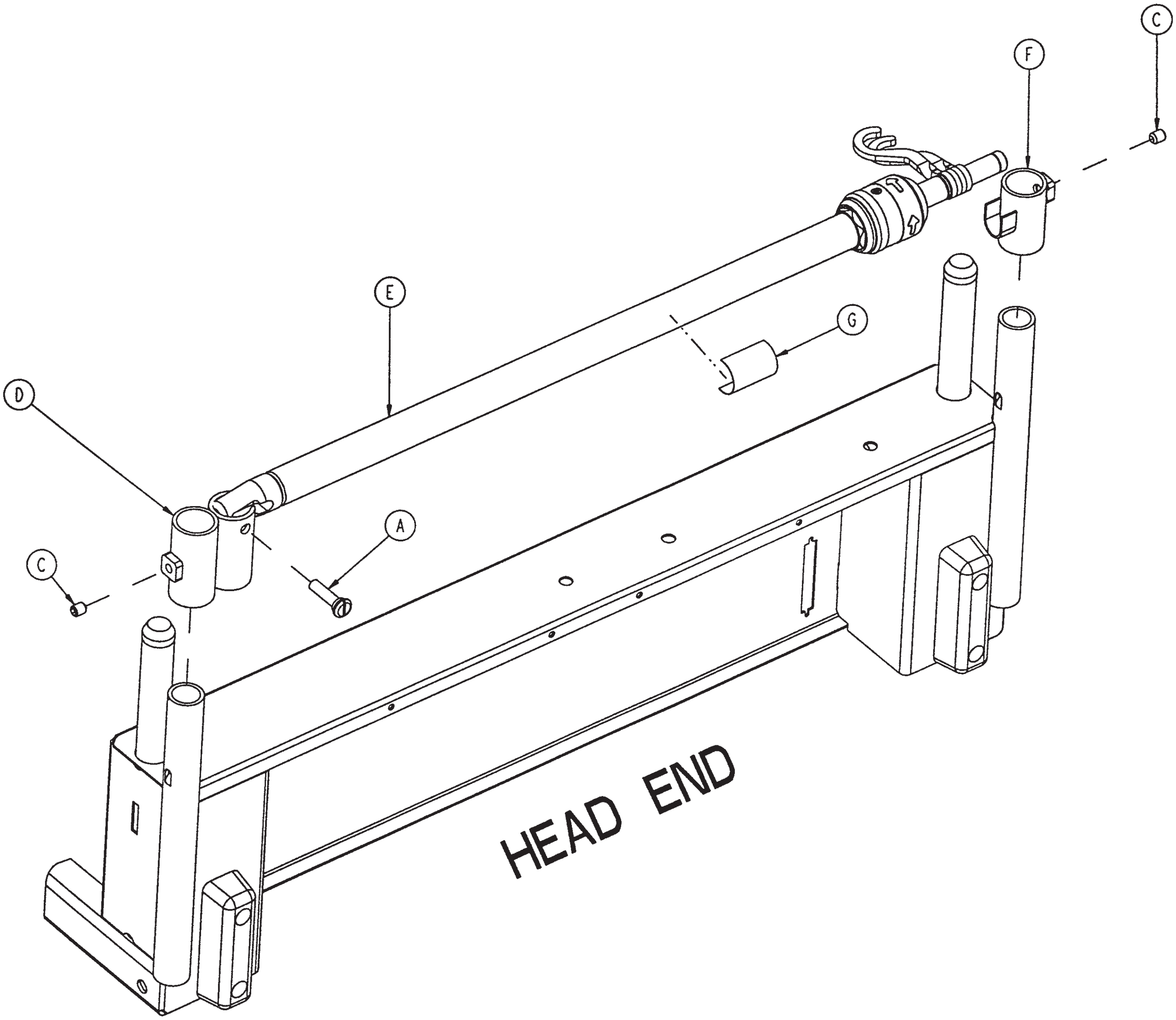
Optional 2-Stage I.V. Pole Assembly - 2035-112-000



Item	Part No.	Part Name	Qty.
A	1015-024-035	Retaining Pin	1
C	0021-140-000	Set Screw	2
D	2035-112-001	I.V. Receptacle, H.E, Left	1
E	2035-112-010	I.V. Pole Assembly, H.E., Left (pg.259)	1
F	3000-311-016	I.V. Rest	1
G	2035-112-110	Specification Label	1

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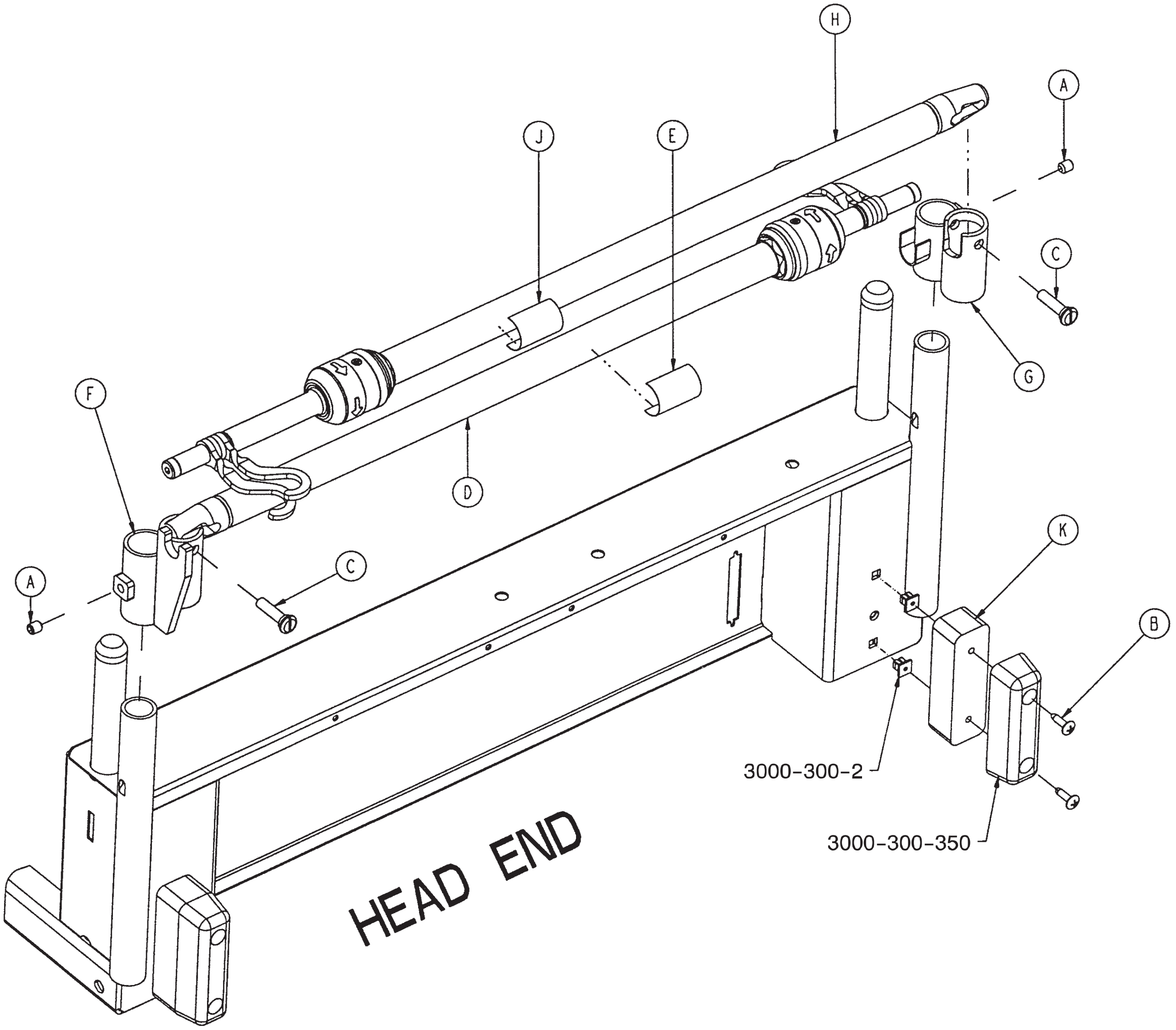
Optional Dual Head End I.V. Pole Assembly - 2035-113-000



Item	Part No.	Part Name	Qty.
A	0021-140-000	Set Screw	2
B	0023-277-000	Truss Hd. Screw	4
C	1015-024-035	Retaining Pin	2
D	2035-112-010	I.V. Pole Assembly, H.E., Left	1
E	2035-112-110	Specification Label	1
F	2035-113-002	I.V. Receptacle, Dual H.E., Lt.	1
G	2035-113-001	I.V. Receptacle, Dual H.E., Rt.	1
H	2035-113-011	I.V. Pole Assembly, H.E., Right	1
J	2035-113-111	Specification Label	1
K	2035-113-006	Head End Bumper Spacer	2

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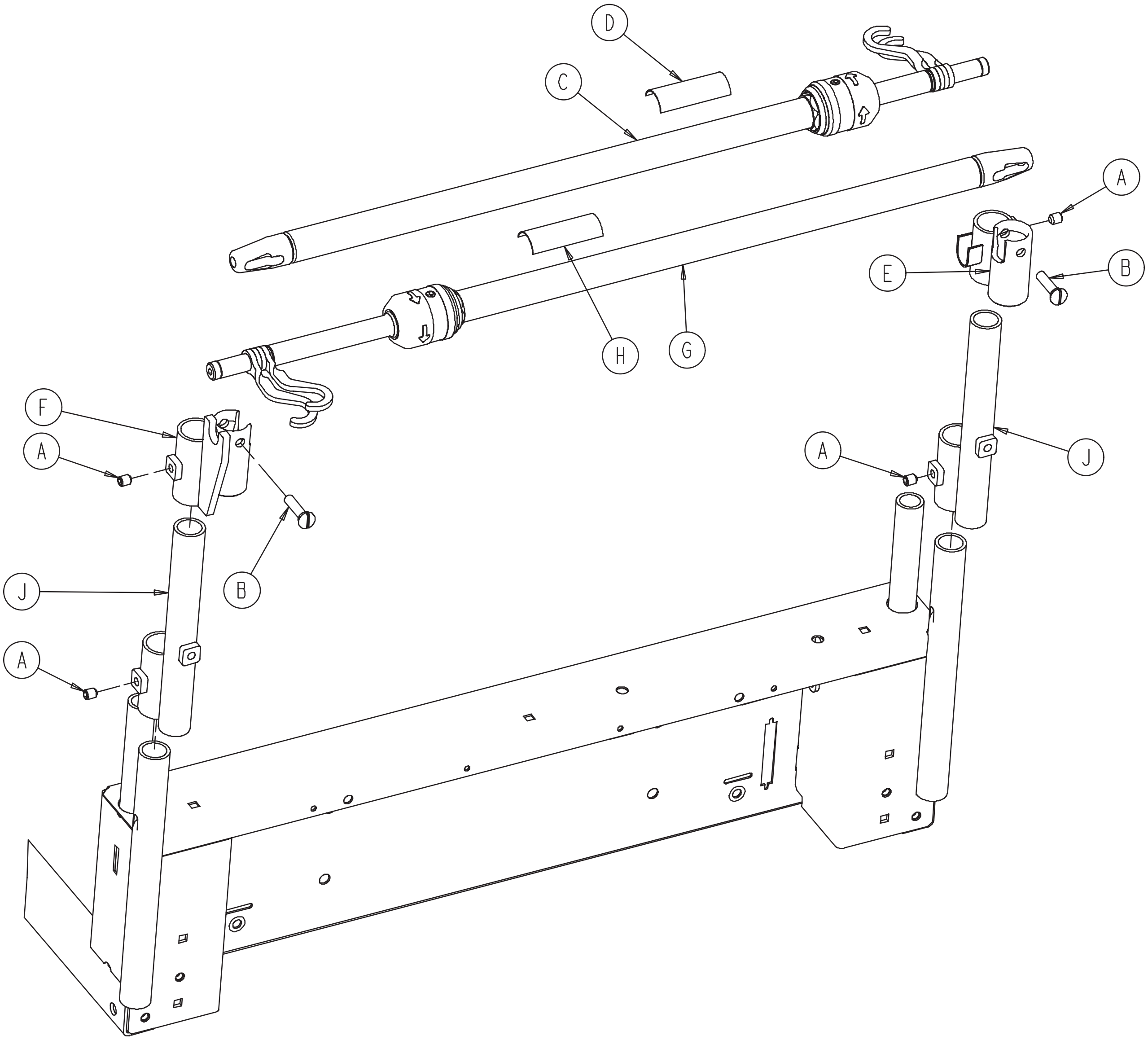
Optional Dual Head End I.V. Assembly - 2040-110-003

FOR ZOOM® OPTION ONLY



Item	Part No.	Part Name	Qty.
A	0021-140-000	Set Screw	4
B	1015-024-035	Retaining Pin	2
C	2035-112-010	I.V. Pole Assembly, Left (pg.259)	1
D	2035-11-110	Specification Label	1
E	2035-113-002	I.V. Receptacle, Dual Hd. End, Rt.	1
F	2035-113-001	I.V. Receptacle, Dual Hd. End, Lt	1
G	2035-112-011	I.V. Pole Assembly, Right (pg.259)	1
H	2035-113-111	Specification Label	1
J	2040-110-002	I.V. Pole Extension	2

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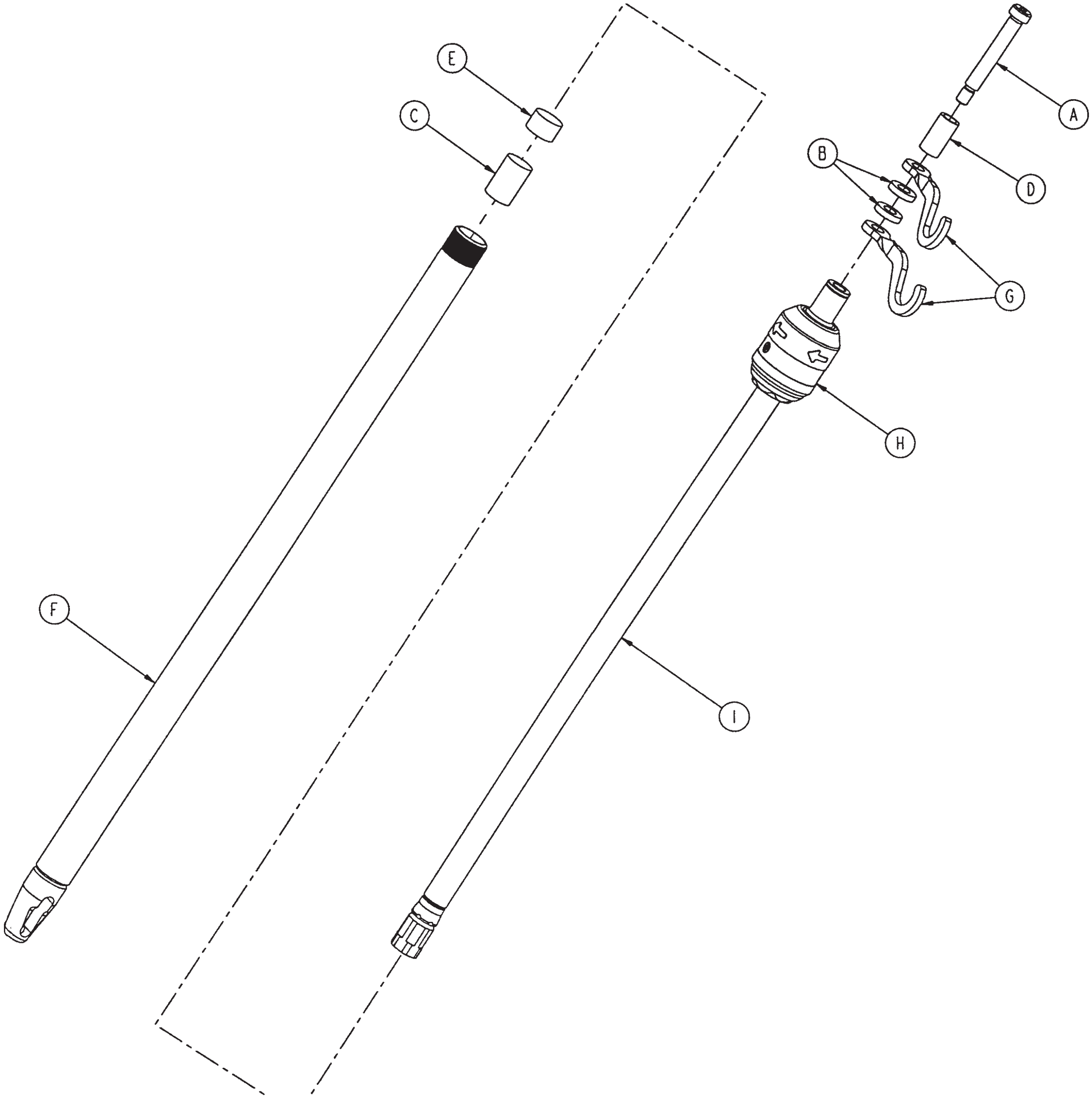
2-Stage I.V. Pole - 2035-112-010 & 2035-113-011



Left Side - 2035-112-010

Item	Part No.	Part Name	Qty
A	0008-031-000	Soc. Hd. Shoulder Screw	1
B	0052-017-000	Washer	2
C	0052-310-000	Spacer	1
D	0926-400-162	Spacer	1
E	1001-259-013	Dampener	1
F	1001-259-032	Base Tube Weldment	1
G	1010-259-016	I.V. Hook	2
H	0785-035-103	I.V. Pole Latch	1
I	1211-110-029	2nd Stage Assembly	1

Right Side - 2035-113-011

Item	Part No.	Part Name	Qty.
A	0008-031-000	Soc. Hd. Shoulder Screw	1
B	0052-017-000	Washer	2
C	0052-311-000	Spacer	1
D	0926-400-162	Spacer	1
E	1001-259-013	Dampener	1
F	1001-259-032	Base Tube Weldment	1
G	1010-259-016	I.V. Hook	2
H	0785-035-103	I.V. Pole Latch	1
I	1211-110-029	2nd Stage Assembly	1

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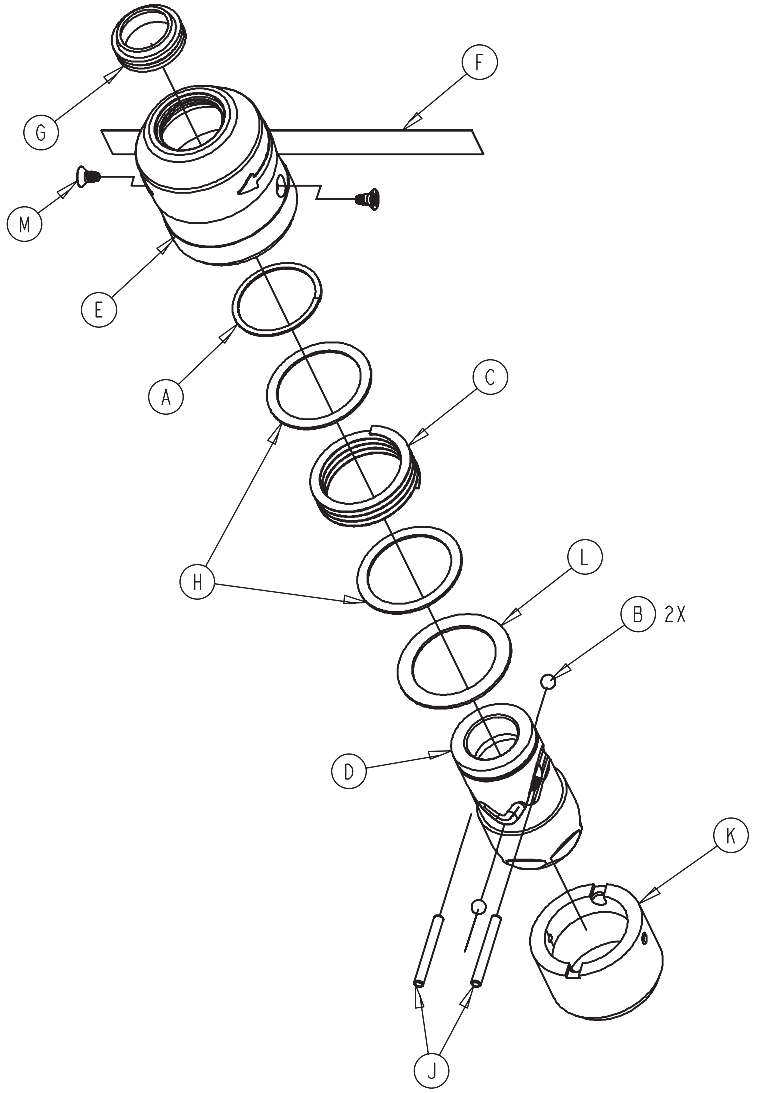
I.V. Pole Latch Assembly - 0785-035-103



Item	Part No.	Part Name	Qty.
A	0028-167-000	Retaining Ring	1
B	0031-004-000	Steel Ball	2
C	0038-392-000	Wave Spring	1
D	0785-035-023	I.V. Latch ID Housing	1
E	0785-035-024	I.V. Latch OD Housing	1
F	0785-035-029	I.V. Release Label	2
G	1211-011-018	I.V. Latch Seal	2
H	1211-110-020	Washer	2
J	1211-110-021	I.V. Latch Locking Pin	2
K	1211-110-022	I.V. Latch Guide	1
L	1211-110-035	Washer	1
M	1211-110-036	Self-Tapping Screw	2

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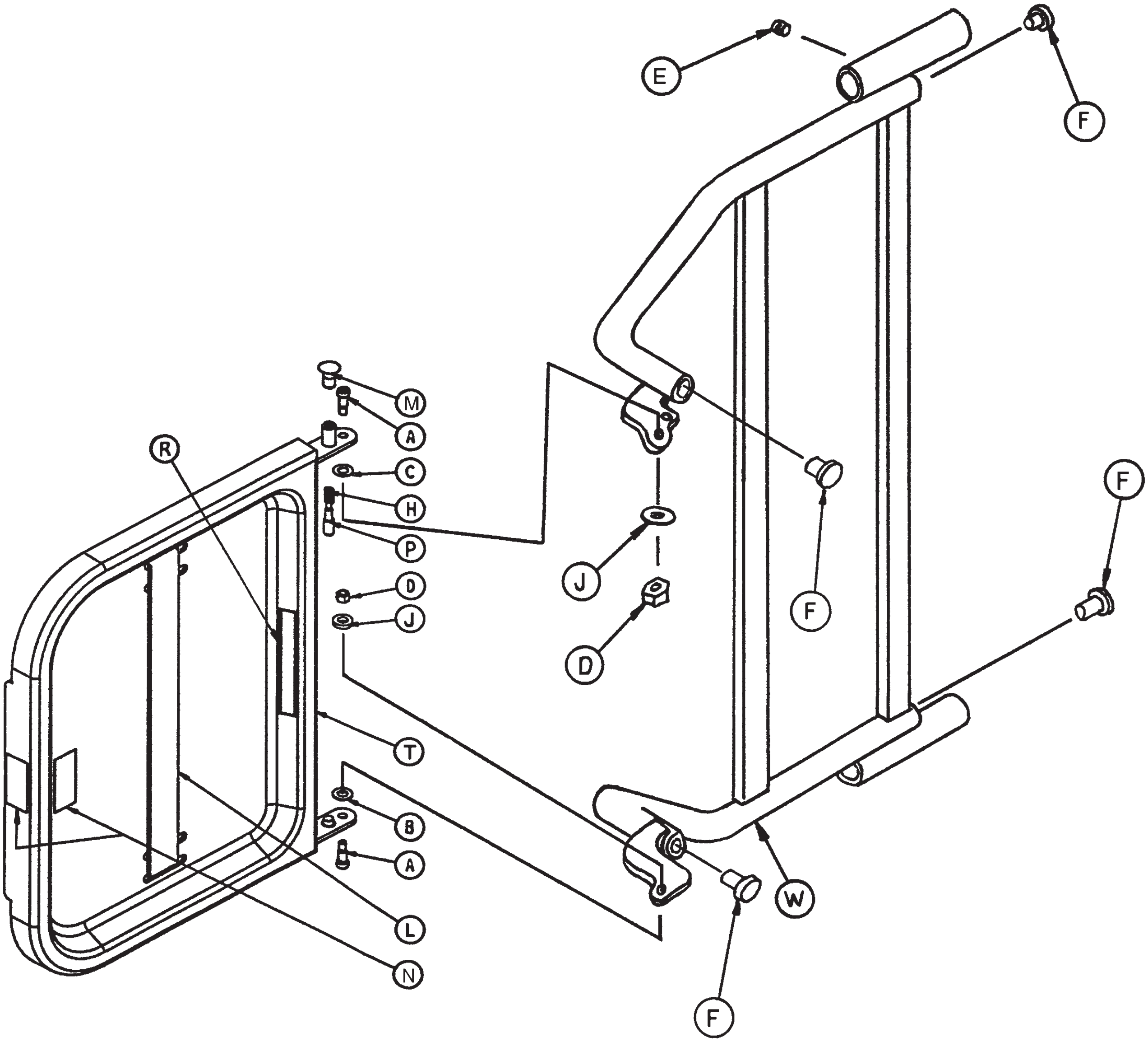
Optional Defibrillator Tray Assembly - 2025-120-000



Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0008-049-000	Soc. Hd. Shoulder Bolt	2	L	1010-050-021	Long Strap	1
B	0014-020-000	Thrust Washer	1	M	1010-050-050	Knob	1
C	0014-021-000	Thrust Washer	1	N	1010-050-057	Max. Weight Label	4
D	0016-028-000	Fiberlock Nut	2	P	1010-050-242	Lock Pin	1
E	0021-017-000	Set Screw	4	R	2025-120-005	Equipment Label	1
F	0037-214-000	Hole Plug	4	S	2025-120-006	Specification Label	1
H	0038-133-000	Spring	1	T	2025-120-018	Tray Assembly	1
J	0052-017-000	Spacer	2	W	2025-120-025	Pivot Weldment Frame	1
K	1010-050-019	"Push/Pull" Label	1				

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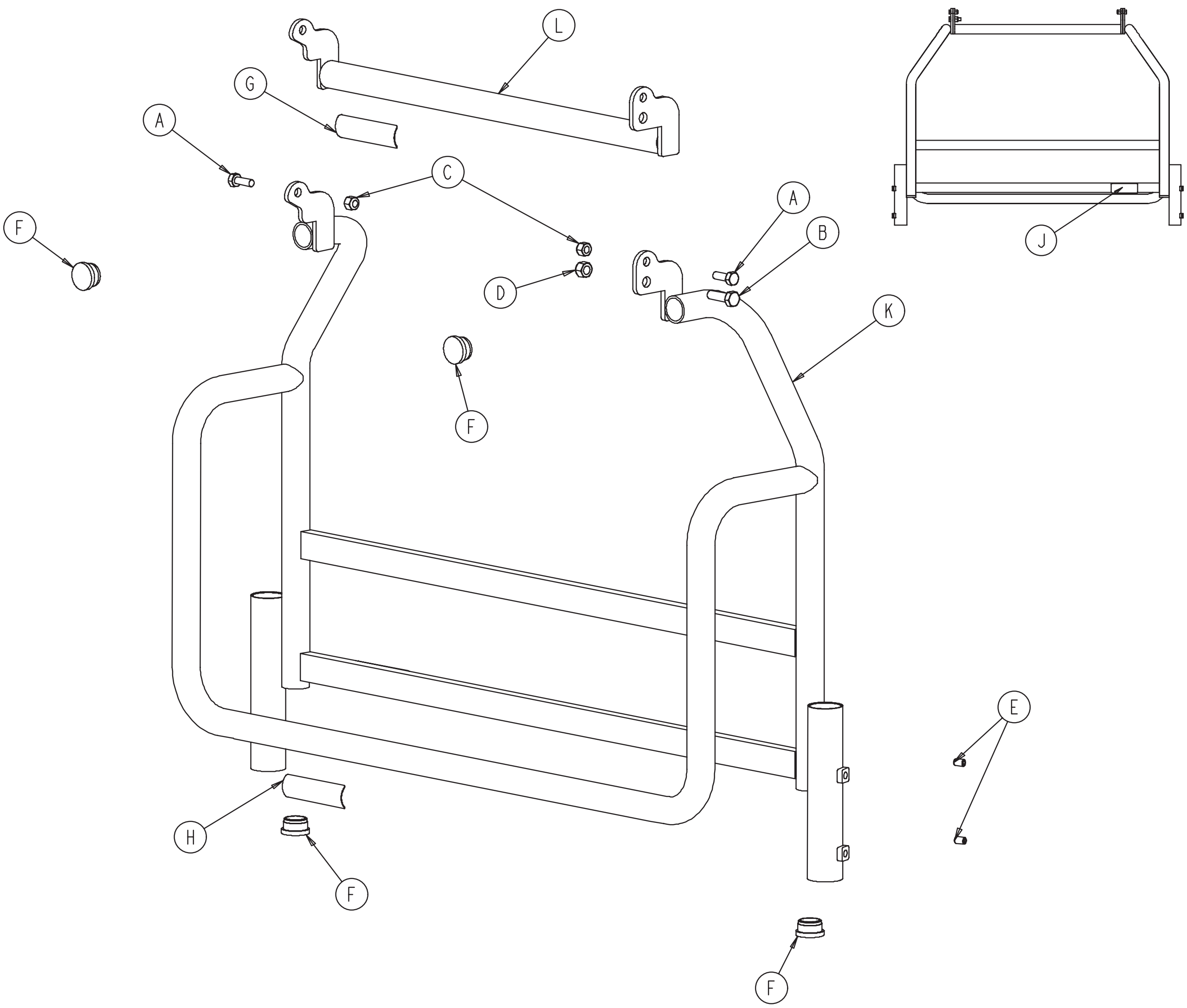
Optional Pleur-Evac Rack Assembly - 2040-120-020



Item	Part No.	Part Name	Qty.
A	0003-050-000	Hex Hd. Cap Screw	2
B	0003-085-000	Hex Hd. Cap Screw	1
C	0015-028-000	Nylock Nut	2
D	0016-036-000	Nylock Nut	1
E	0021-017-000	Set Screw	4
F	0037-214-000	Hole Plug	4
G	1010-050-057	Maximum Weight Label	1
H	2040-090-001	Acc. Rail Warning Label	1
J	2040-090-004	Specification Label	1
K	2040-120-003	Rack Weldment	1
L	2040-120-010	Rack Top Weldment	1

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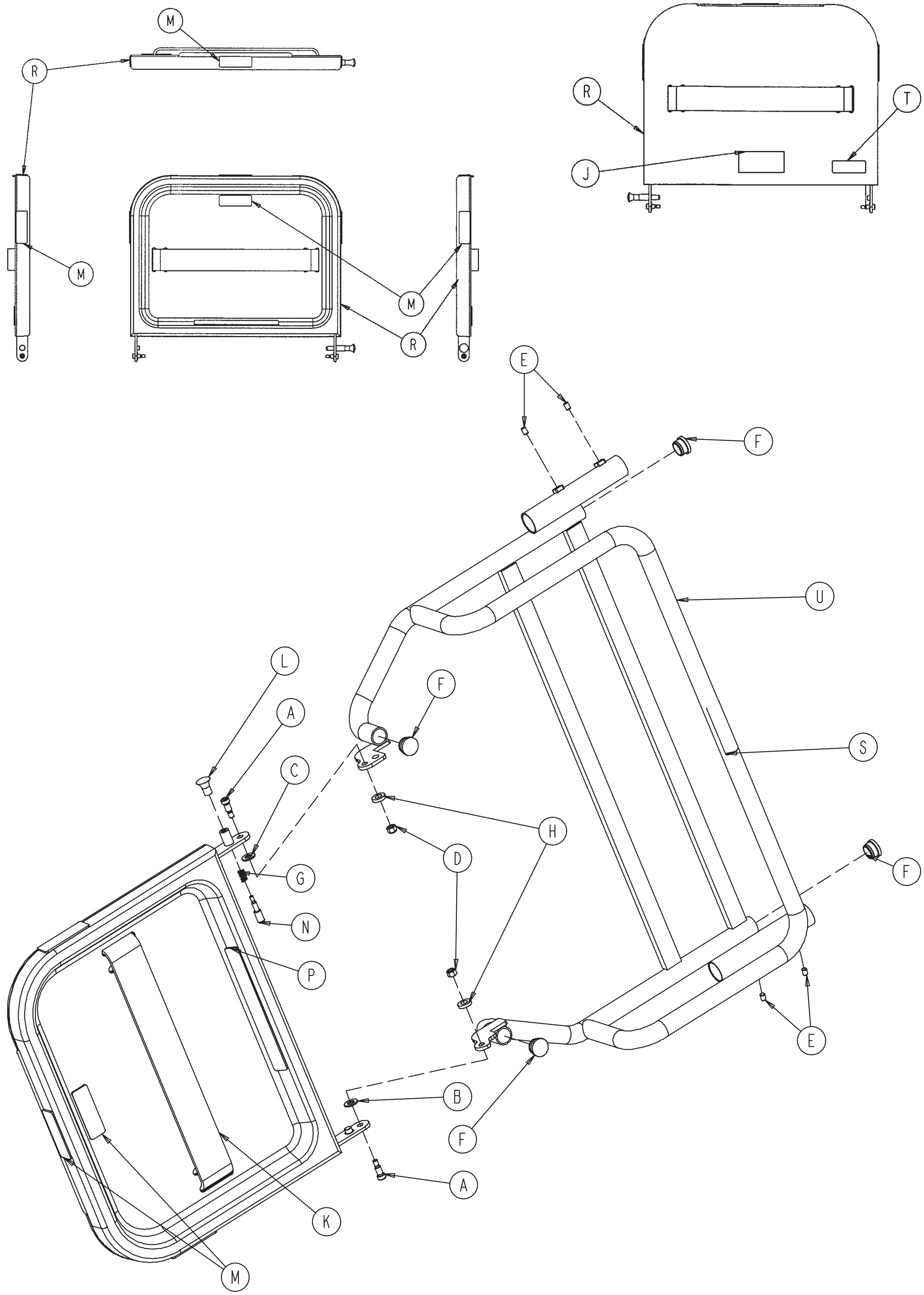
Optional Pleur-Evac Rack with Defibrillator Tray - 2040-120-004


M
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Optional Pleur-Evac Rack with Defibrillator Tray - 2040-120-004

Item	Part No.	Part Name	Qty.
A	0008-049-000	Soc. Hd. Shoulder Bolt	2
B	0014-020-000	Thrust Washer	1
C	0014-021-000	Thrust Washer	1
D	0016-028-000	Fiberlock Nut	2
E	0021-017-000	Set Screw	4
F	0037-214-000	Hole Plug	4
G	0038-133-000	Spring	1
H	0052-017-000	Spacer	2
J	1010-050-019	“Push/Pull” Label	1
K	1010-050-021	Long Strap	1
L	1010-050-050	Knob	1
M	1010-050-057	“Max. Weight” Label	4
N	1010-050-242	Lock Pin	1
P	2025-120-005	Equipment Label	1
R	2025-120-018	Tray Assembly	1
S	2040-090-001	Warning Label	1
T	2040-090-005	Specification Label	1
U	2040-120-003	Rack Weldment	1

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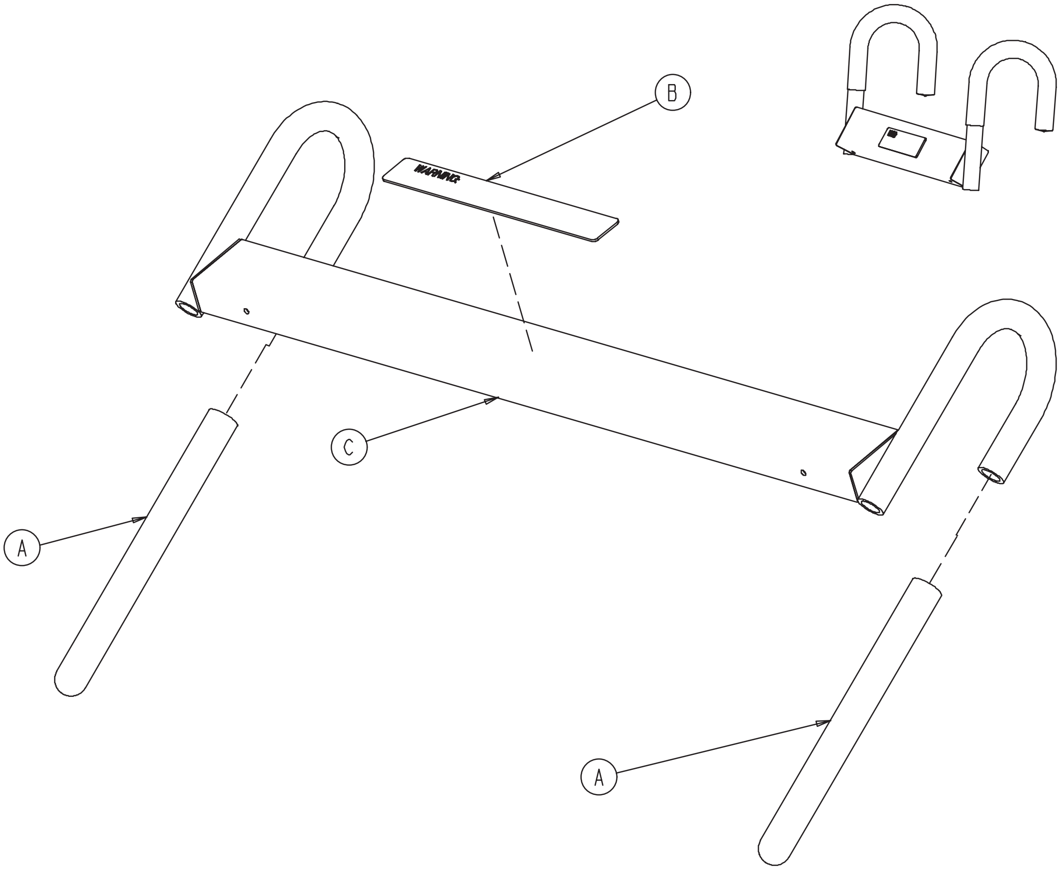
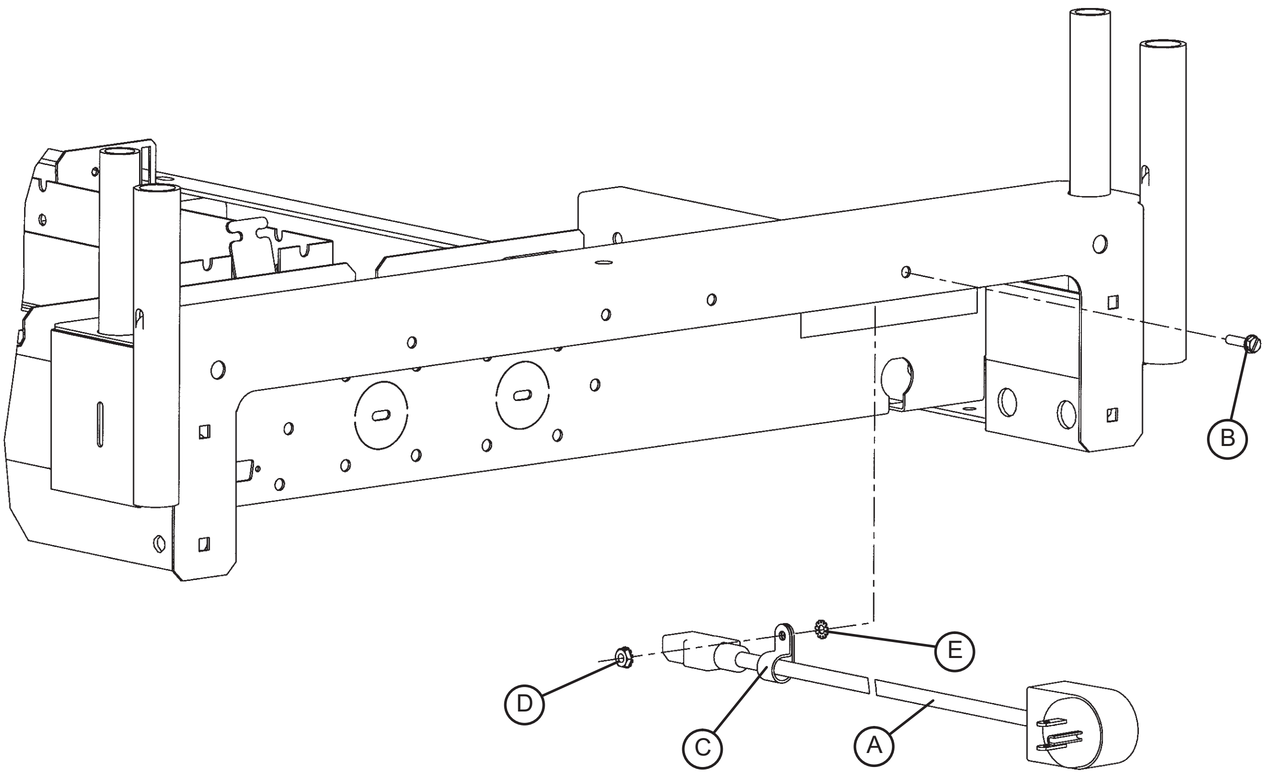
Optional Pump Rack Assembly - 2040-111-000



Item	Part No.	Part Name	Qty.
A	0058-087-000	End Cap	2
B	2030-140-002	Pump Rack Label	1
C	2040-111-005	Pump Rack Tube	1

Optional 90° Power Cord - 3001-334-010



Item	Part No.	Part Name	Qty.
A	3001-334-860	90 Power Cord (12 O'Clock)	1
	3001-334-861	90 Power Cord (9 O'Clock)	1
	3001-334-862	90 Power Cord (6 O'Clock)	1
	3001-334-863	90 Power Cord (3 O'Clock)	1
B	0003-132-000	Hex Washer Hd. Screw	1
C	0034-022-000	Cable Clamp	1
D	0016-041-000	Kep Nut	1
E	0013-018-000	External Tooth Lock Washer	1

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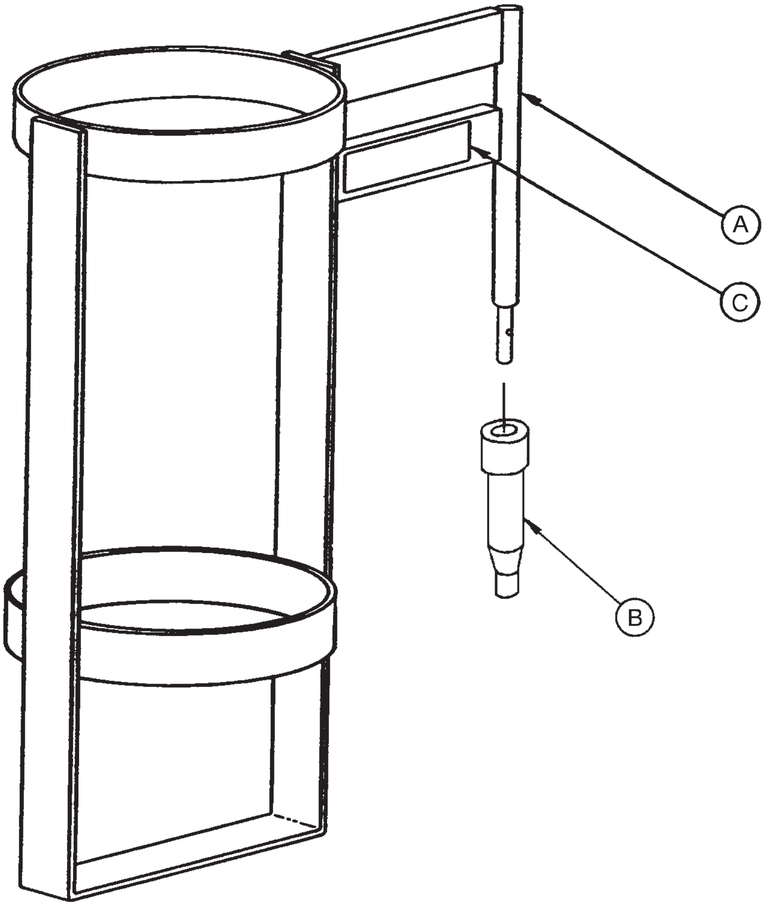
Optional Upright O2 Bottle Holder Assembly - 2025-150-010



Item	Part No.	Part Name	Qty.
A	1010-030-011	Upright Bottle Holder	1
B	2025-150-001	Bottle Holder Adapter	1
C	2025-150-002	Specification Label	1

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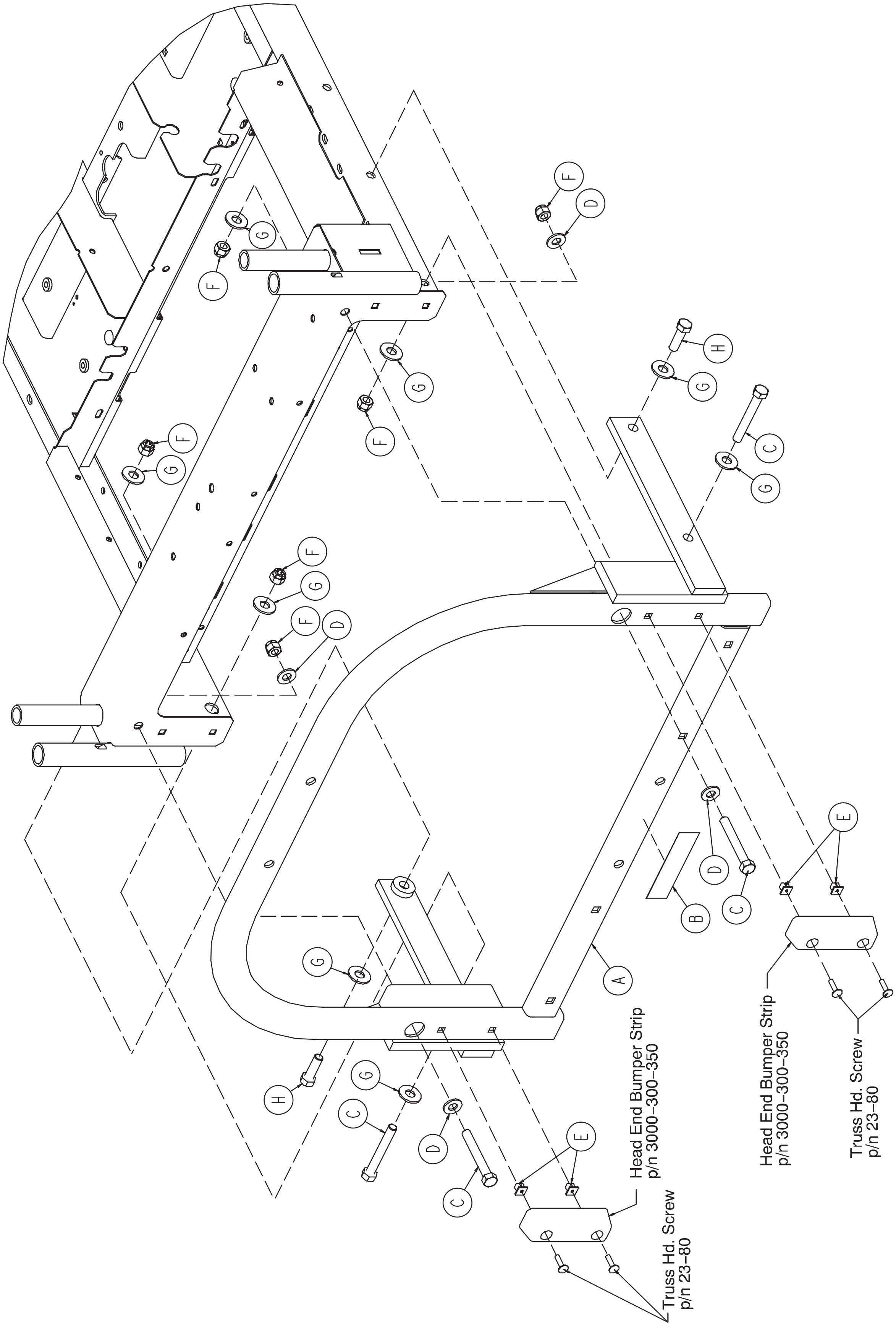
Optional Accessory Adapter Frame - 3001-333-000


F
D
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C
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G
F
F
G
F
G
F
D
E
D
C
B
C
A
G
H
G
C
D
C
E
Head End Bumper Strip
p/n 3000–300–350
Head End Bumper Strip
p/n 3000–300–350
Truss Hd. Screw
p/n 23–80
Truss Hd. Screw
p/n 23–80

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Optional Accessory Adapter Frame - 3001-333-000

Item	Part No.	Part Name	Qty.
A	3001-333-010	Frame Assembly	1
B	3000-333-015	Accessory Adapter Label	1
C	0003-208-000	Hex Hd. Cap Screw	4
D	0011-004-000	Flat Washer	4
E	3000-300-002	Plastic Clip Nut	4
F	0016-035-000	Nylock Nut	6
G	0011-361-000	Flat Washer	8
H	0003-025-000	Hex Hd. Cap Screw	2

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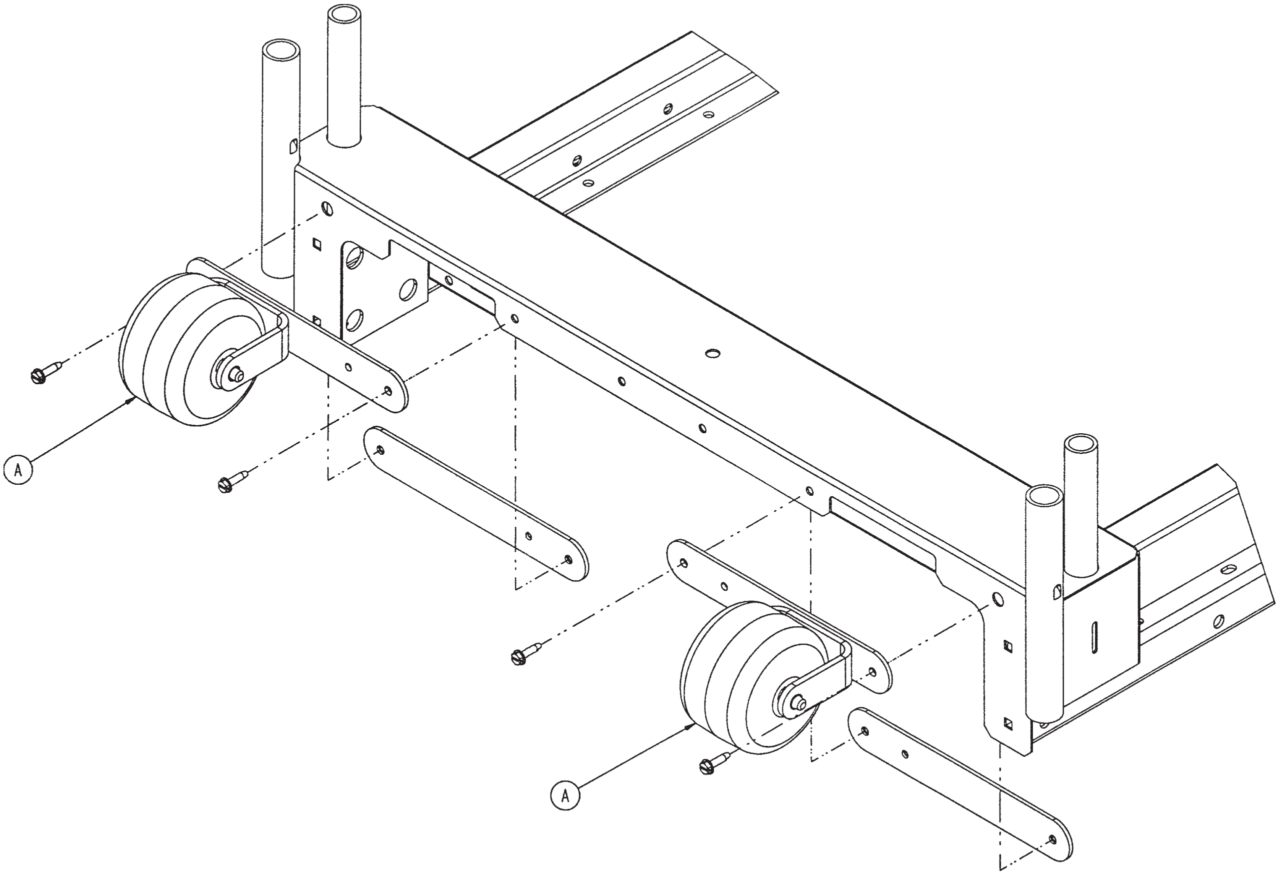
Optional Litter Roller Assembly - 3002-335-000



Item	Part No.	Part Name	Qty.
A	3002-335-005	Roller Assembly (pg. 271)	2

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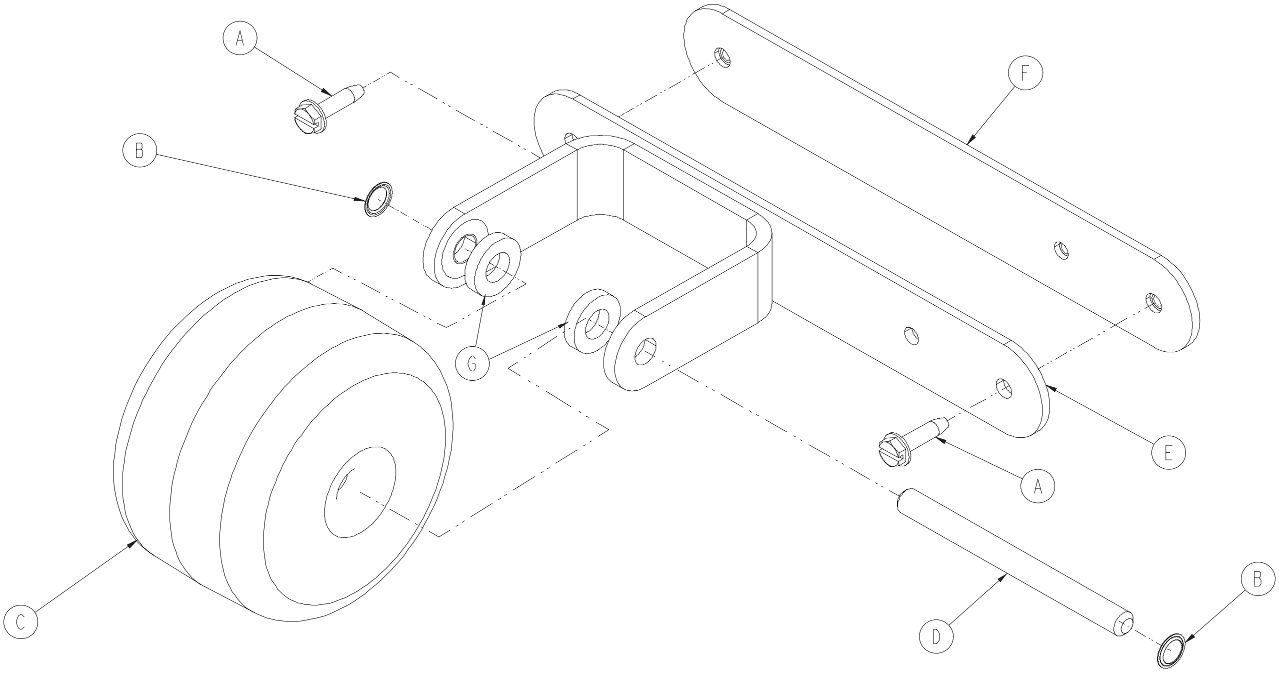
Roller Assembly - 3002-335-005



Item	Part No.	Part Name	Qty.
A	0003-225-000	Hex Washer Hd. Screw	2
B	0052-727-000	Grooveless Retainer Ring	2
C	3000-335-011	Roller Bumper	1
D	3000-335-012	Roller Shaft	1
E	3002-335-020	Roller Bracket	1
F	3002-335-025	Roller Mounting Plate	1
G	0052-017-000	Plastic Washer	2

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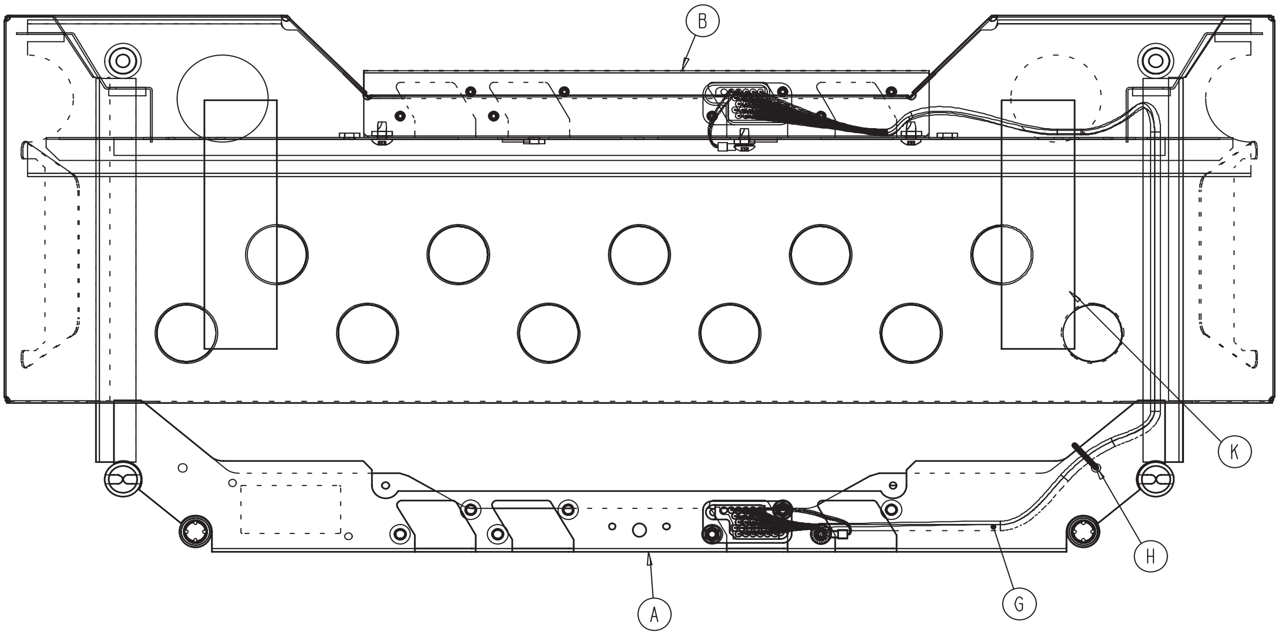
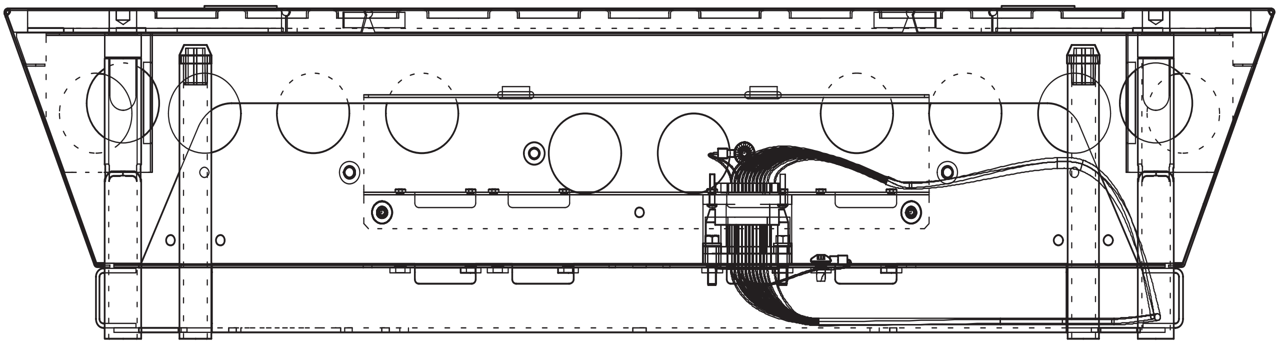
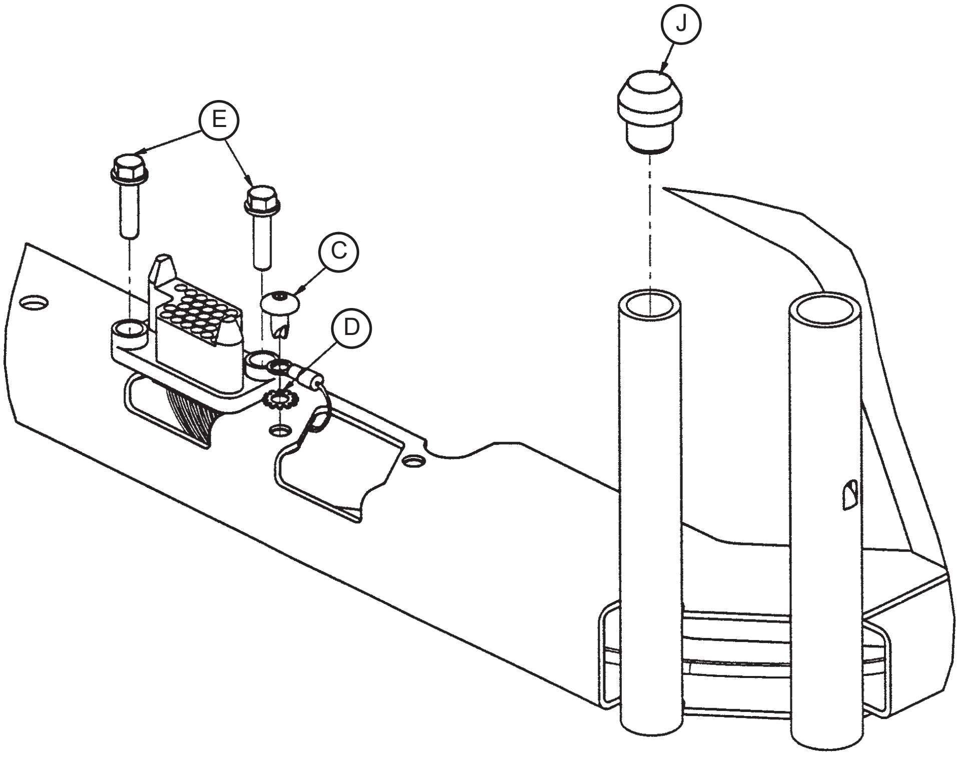
Optional Bed Extender Assembly - 3001-318-020







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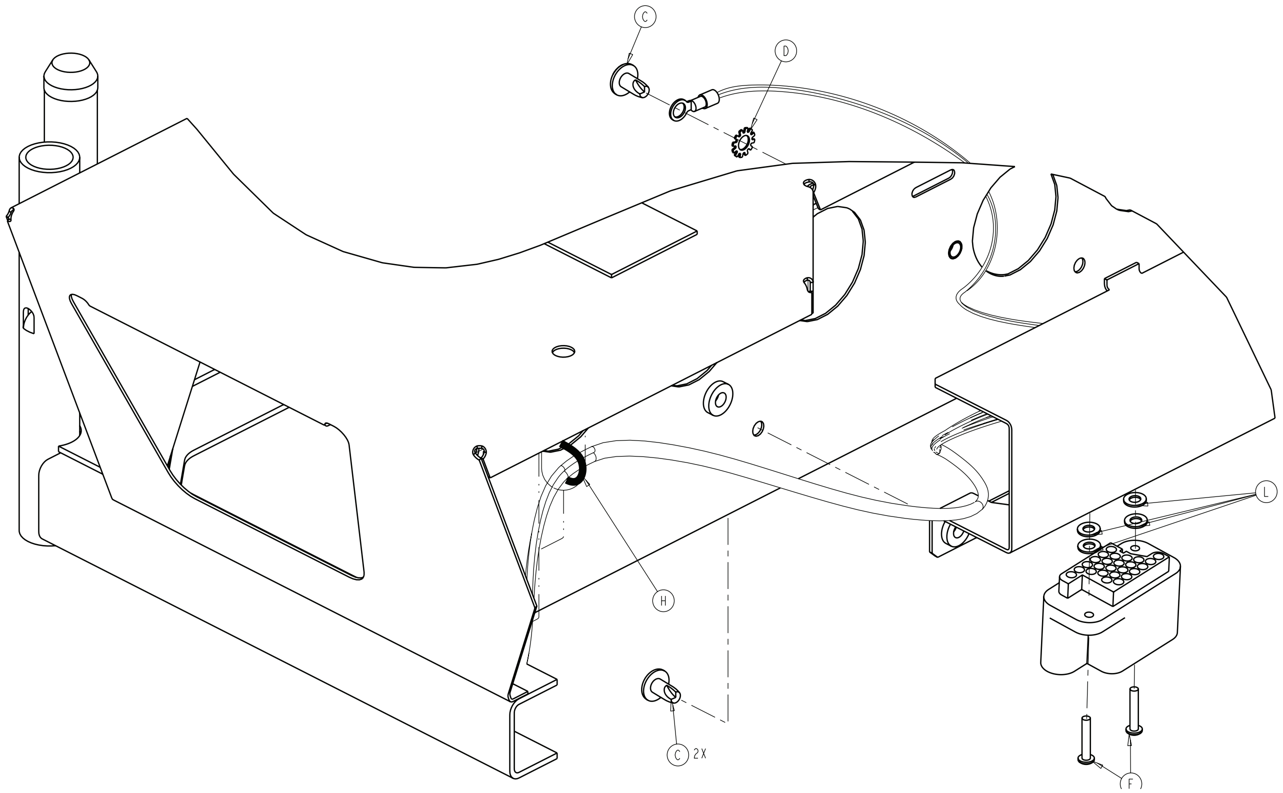
Optional Bed Extender Assembly - 3001-318-020



Item	Part No.	Part Name	Qty.
A	3001-318-050	Bed Extender Weldment	1
B	3001-318-031	Connector Mounting Bracket	1
C	0007-052-000	Truss Hd. Screw	4
D	0013-010-000	External Tooth Lock Washer	2
E	3001-200-228	Mounting StandOff	2
F	0050-039-000	Pan Hd. Machine Screw	2
G	3000-318-801	Bed Extender Cable	1
H	3000-300-114	Cable Tie	2
J	3000-300-349	Cap	2
K	7900-001-102	Velcro Adhesive Pile	2
L	0011-146-000	Washer	4

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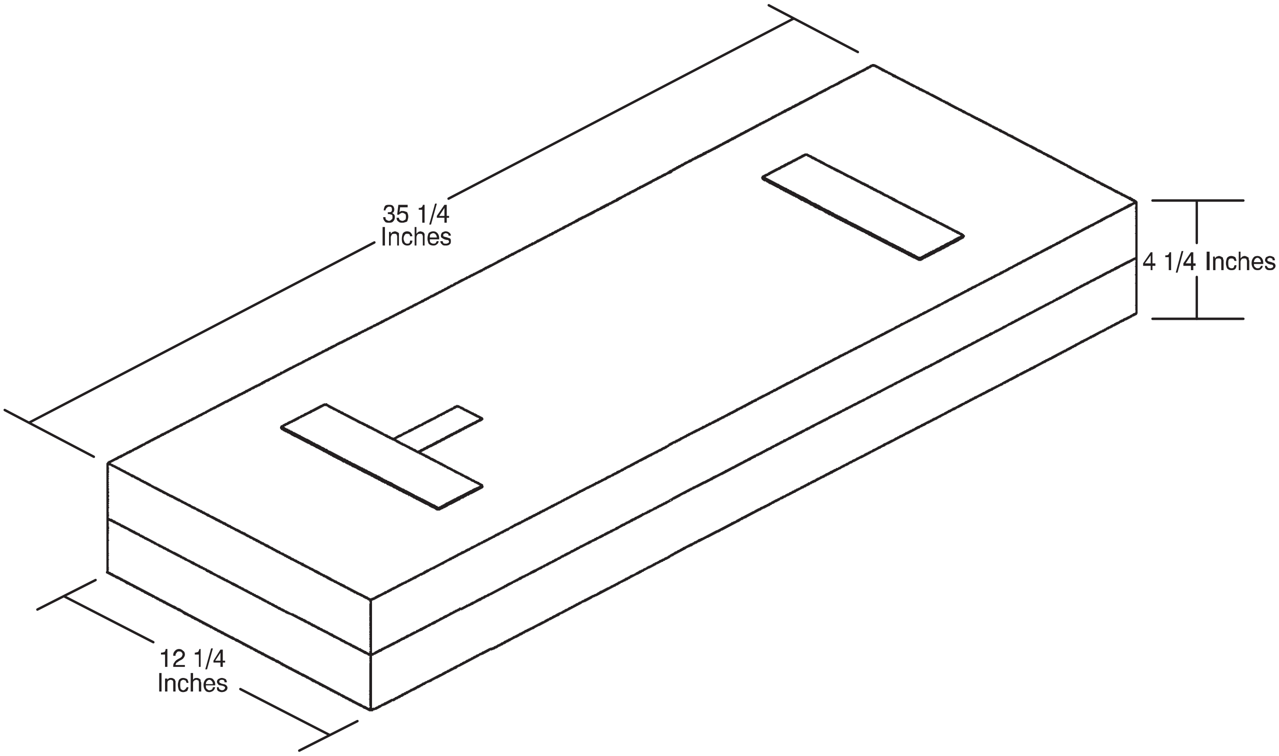
Optional Bed Extender Mattress - 3000-318-050


35 1/4
Inches
4 1/4 Inches
12 1/4
Inches

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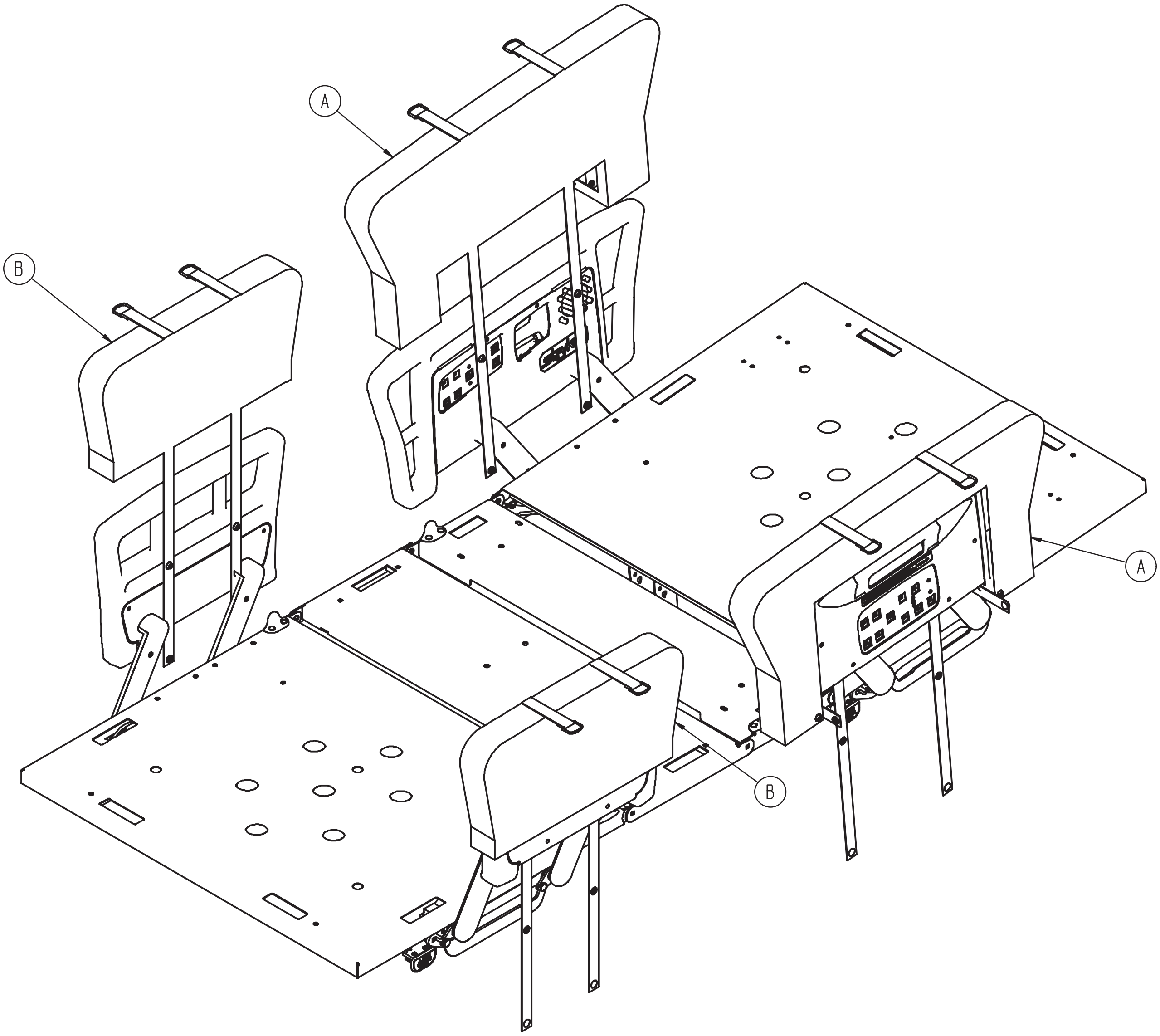
Optional Padded Siderail Covers - 3003-336-020



Item	Part No.	Part Name	Qty.
A	3003-336-011	Padded Cover, Head End	2
B	3003-336-013	Padded Covers, Foot End	2

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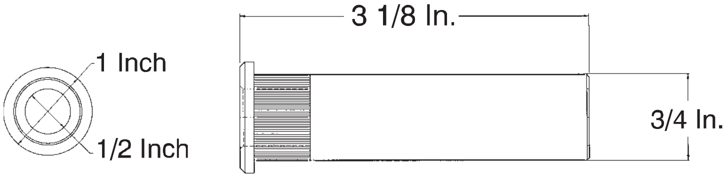
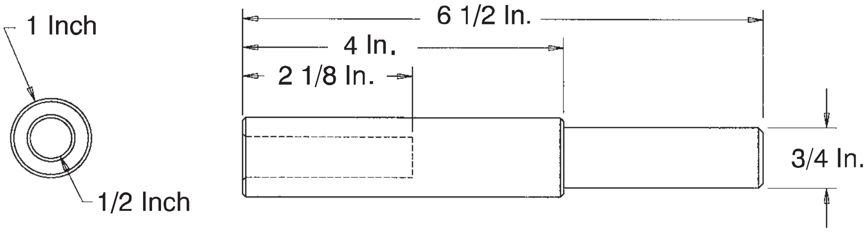
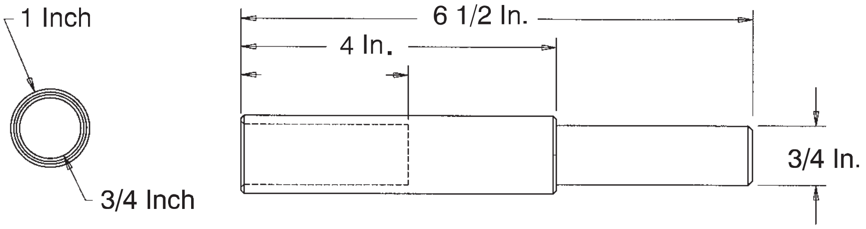
Optional Traction Socket Extensions


3 1/8 In.
1 Inch
1/2 Inch
3/4 In.

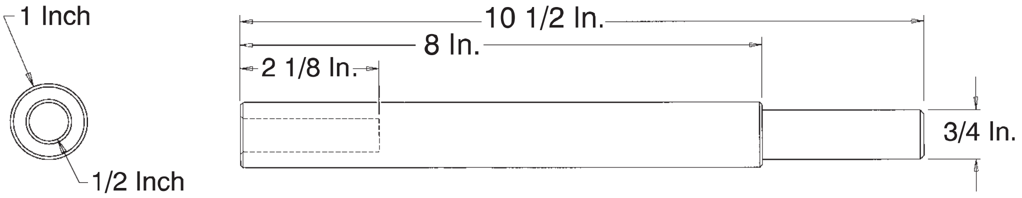
For Reference Only: 3000-337-050


1 Inch
6 1/2 In.
4 In.
2 1/8 In.
3/4 In.
1/2 Inch

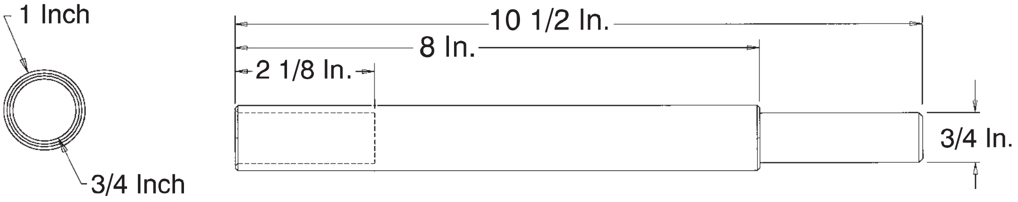
For Reference Only: 3000-337-450


1 Inch
6 1/2 In.
4 In.
3/4 In.
3/4 Inch

For Reference Only: 3000-337-475


1 Inch
10 1/2 In.
8 In.
2 1/8 In.
3/4 In.
1/2 Inch

For Reference Only: 3000-337-850


1 Inch
10 1/2 In.
8 In.
2 1/8 In.
3/4 In.
3/4 Inch

For Reference Only: 3000-337-875

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Warranty

LIMITED WARRANTY

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser the Secure II Med-Surg to be free from defects in material and workmanship for a period of one (1) years after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of Stryker, found to be defective. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to the factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgment affects the product materially and adversely shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

Stryker Medical beds are designed for a 15 year expected service life under normal use, conditions, and with appropriate periodic maintenance as described in the maintenance manual for each device. Stryker warrants to the original purchaser that the welds on its beds will be free from structural defects for the expected 15 year life of the bed as long as the original purchaser owns the product.

This statement constitutes Stryker's entire warranty with respect to the aforesaid equipment. **Stryker Makes No Other Warranty Or Representation, Either Expressed Or Implied, Except As Set Forth Herein. There Is No Warranty Of Merchantability And There Are No Warranties Of Fitness For Any Particular Purpose. In No Event Shall Stryker Be Liable Here Under For Incidental Or Consequential Damages Arising From Or In Any Manner Related To Sales Or Use Of Any Such Equipment.**

TO OBTAIN PARTS AND SERVICE

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative, or call Stryker Customer Service USA at 1-800-327–0770, Canada 1-888-233-6888.

SERVICE CONTRACT COVERAGE

Stryker has developed a comprehensive program of service contract options designed to keep your equipment operating at peak performance at the same time it eliminates unexpected costs. We recommend that these programs be activated before the expiration of the new product warranty to eliminate the potential of additional equipment upgrade charges.

A SERVICE CONTRACT HELPS TO:

- Ensure equipment reliability
- Stabilize maintenance budgets
- Diminish downtime
- Establish documentation for JCAHO
- Increase product life
- Enhance trade-in value
- Address risk management and safety

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SERVICE CONTRACT PROGRAMS

Stryker Offers the following service contract programs:

Service Agreement Options *	Gold	Silver	Parts	Labor	PM
Annually scheduled preventative maintenance	X				X
All parts	X	X	X		
All labor and travel	X	X		X	
Unlimited emergency service calls	X	X		X	
Priority one contact: two hour phone response	X	X	X	X	
Most repairs completed within 3 days	X	X		X	
JCAHO documentation	X	X		X	X
On–site record of PM & emergency service	X				X
Factory–trained Stryker service technician	X	X		X	X
Stryker authorized parts used	X	X	X	X	X
Service during regular business hours (8–5)	X	X	X	X	X

* Does not include maintenance due to abuse or for any disposable items. Stryker reserves the right to change options without notice.

Stryker Medical also Offers personalized service contracts.
Pricing is determined by age, location, model and condition of product.

**For more information on our service contracts,
please call your local representative.**

RETURN AUTHORIZATION

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items. **Special, Modified, Or Discont'd Items Not Subject To Return.**

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. **Do Not Accept Damaged Shipments Unless Such Damage Is Noted On The Delivery Receipt At The Time Of Receipt**. Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full. Claims for any short shipment must be made within thirty (30) days of invoice.

INTERNATIONAL WARRANTY CLAUSE

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.

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